

# THE CITY RECORD.

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### DEPARTMENT OF HIGHWAYS.

Report for the Quarter ending June 30, 1899.

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE,  
Nos. 17 TO 21 PARK ROW, BOROUGH OF MANHATTAN,  
September 28, 1899.

Hon. ROBERT A. VAN WYCK, Mayor:

DEAR SIR—In accordance with section 1544 of the Charter of The City of New York, I respectfully submit the following report of the operations of the Department of Highways for the quarter ending June 30, 1899:

#### BOROUGH OF MANHATTAN.

Two contracts for furnishing broken traprock and screenings, and for furnishing gravel and gravel screenings were entered into during the quarter. Two contracts for paving and repaving, and one for regulating and grading were completed.

Work has been in progress under sixteen contracts for regulating and grading streets, five contracts for flagging and reflagging, curbing and recurbig sidewalks, and the contract for the construction of the Riverside Viaduct, of which the masonry work at the south abutment is nearly completed. The erection of the steel superstructure will soon be begun.

The work of cleaning and painting the One Hundred and Fifty-fifth street viaduct has progressed in a very satisfactory manner, and the structure will present a fine appearance when it receives the final coat of paint.

In addition to supervising the work in progress, the engineer corps has been kept busy preparing estimates of cost of improvements initiated by Local Boards, and estimates of cost of repaving streets under resolutions of the Board of Public Improvements. One field party has been employed in establishing street grades in connection with the change of motive power of the various street railroads in the borough. Surveys have been made and forms of contracts and specifications have been prepared under resolutions of the Board of Public Improvements, authorizing the flagging of sidewalks and fencing of vacant lots in various streets, and considerable time has been devoted to making the specifications and contracts for the same class of work uniform throughout the different boroughs.

Permits were issued by the Bureau of Street Openings, paving and repaving as follows: For vaults, 55; for repairing vaults, 37; for placing guy-posts, 15; for placing kettles on streets, 176; for placing boilers and engines on streets, 238; and for repairing pavements at expense of applicants, 16.

The repair force took up and relaid about 95,372 square yards of defective stone-block pavement.

The work of repaving Seventieth street, from Central Park, West, to Columbus avenue; Forty-third street, from Eighth to Ninth avenue; Pell street, from the Bowery to Mott street; and Wall street, from Broadway to Nassau and Broad streets, has been finished and accepted.

There are now 403.75 miles of paved streets in the Borough of Manhattan.

During the quarter 6,583 openings were made to repair all pipes, other than water-mains and sewers, and to make and repair house-service connections for water, sewage, gas, electricity and steam. Two hundred and eighty-five notices were served on corporations and individuals to repair pavements where openings had been made by them. Among the items of work done under the supervision of the Engineer of Sub-surface Work, are the following: 290 linear feet of fire-alarm subsidiary ducts laid; 3.15 miles of subway and other electrical ducts laid; 2.60 miles of gas-mains overhauled; 2.58 miles of gas-main laid, and 250 feet of salt water-main laid.

The Bureau of Streets and Roads has maintained in fair condition during the quarter the 18.94 miles of macadam and gravel roads and the 33.26 miles of dirt or unpaved roads under its charge. Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets, has been covered with gravel screenings, making it an excellent driveway. The macadamized and unpaved streets and roads have been regularly sprinkled to prevent dust, 35 sprinkling carts having been engaged in this work. The fountains in the Boulevard Park plots have been repaired where necessary, and the basins have been filled with plants, while 3,100 flowers and shrubs have been planted, seven plots resodded, the walks resurfaced and all the plots sprinkled to keep them fresh and green.

The Bureau of Incumbrances received and attended to 1,203 complaints of obstructions; made 194 seizures and removals of obstructions; issued 1,799 permits to place building material on streets; 379 permits to cross sidewalks; 174 permits to erect temporary sheds over sidewalks, and 1 permit to cut down decayed and dangerous trees. Twelve notices to repair defective vault covers were served.

For information in detail I refer you to documents "A," "B," "C," "D," "E," "F," "G," "H" and "I," hereto attached.

#### BOROUGH OF THE BRONX.

Work has been in progress under 51 contracts for regulating and grading streets, 3 contracts for regulating and paving, and 1 contract for viaducts and bridges. 7 of the regulating and grading and 1 of the regulating and paving contracts have been finished.

The engineer corps has been kept busy supervising the public works under construction, and in making preliminary surveys, estimates of cost and assessed valuations of property. The draughtsmen have finished the preparation of all old assessment lists and are now able to have ready for the Board of Assessors the assessment lists for completed improvements shortly after the final payments are made up.

The work under the contract for the Brook avenue beam tunnel, and for bridges over the New York Central and Hudson River Railroad at Walton, Gerard and River avenues, and over the New York and Putnam Railroad at Fort Independence street, is practically completed, though the final payments have not yet been prepared.

The contractor for the One Hundred and Fifty-third street viaduct over the New York and Harlem Railroad yards has been ordered to begin work.

During the quarter, 2,098 permits were issued to make openings in the streets for the purpose of making and repairing sewer, water and gas connections and for other miscellaneous purposes.

The Bureau of Incumbrances received and attended to 47 complaints of obstructions, and made three seizures and removals thereof. 536 permits were issued to place building material on streets and for other purposes.

Reference is made to the following documents for information in detail: "J," "K," "L," "M" and "N."

#### BOROUGH OF BROOKLYN.

The mileage of new pavement laid during the quarter is: Asphalt, 1.60; granite, 40, and trap-block, 13, making the total mileage of paved streets in the borough, 670.40.

The more important improvements in progress are: The paving of Clinton avenue extension, Lemon street and Freeman avenue in the Wallabout Market, the grading and macadamizing of Avenue C, from Flatbush avenue to Coney Island avenue, of Beverly road, from Flatbush avenue to the Ocean parkway, and of Ocean avenue, from Fort Hamilton avenue to Avenue F.

The total number of openings made to repair all mains other than water pipes and sewers was 4,079.

The repair force took up and relaid 62,187 square yards of pavement, repaired and reset 5,395 linear feet of curb and gutter, relaid 3,558 square feet of bridging and repaired 581 dangerous defects in streets.

The macadam roadways were repaired, cleaned and sprinkled where and when necessary. The repairs to these streets and roads covered 5,362 square yards, while 52.34 miles were cleaned. In addition to this important work 16.44 miles of dirt roadway were repaired, 26.50 miles were cleaned and raked over and 153.70 miles of gutters were constructed and cleaned.

The Bureau of Incumbrances received and attended to 612 complaints of obstructions, issued 357 permits to place building material on streets, 308 permits to cross sidewalks, 272 permits to cut down shade-trees and 3,036 permits for miscellaneous purposes.

Detailed information may be found in the following documents transmitted with this report: "O," "P," "Q," "R," "S," "T" and "U."

#### BOROUGH OF QUEENS.

The 722 miles of paved and unpaved streets in the Borough of Queens have been maintained in fair condition, within the limits of the appropriation, during the quarter.

In maintaining paved streets, 4,219 square yards of granite-block pavement, 3,037 square yards of trap-rock pavement, 514 square yards of cobble-stone pavement; also 17,373 square yards of macadamized streets and roads were repaired, and 1,080,120 square yards were scraped and cleaned.

In repaving and crowning dirt roads and streets, 27,008 loads of sand, gravel and earth were used on 80,115 square yards of roadway.

The grading of unpaved streets and roads amounted to 17,091 square yards; while 1,402,567 square yards of macadamized roads and streets were sanded.

Permits were issued as follows: To open streets to tap water-pipes, 143; to repair water connections, 98; to make sewer connections, 87; to repair sewer connections, 37; to replace building material on streets, 38; to cross sidewalks, 41; and special permits, 207, making a total of 741.

For additional information I refer to documents "V," "W" and "X," hereto attached.

#### BOROUGH OF RICHMOND.

About 10 miles of macadam pavement were laid during the quarter, and there are now 153.98 miles of paved streets in the borough.

Eleven hundred and sixty-six permits were issued to tap water-pipes, repair water connections, make sewer connections, repair sewer connections, place building material on streets, and to lay and repair sidewalks, curbs, gutters, gas service-pipes, etc.

Twenty-eight street sprinklers sprinkled daily 97 miles of roadways.

6,826 linear feet of sidewalks, 4,058 linear feet of curb, and 834 linear feet of gutters were repaired or renewed, and 14,660 square yards of macadam pavement were repaired.

Document "Y" hereto attached contains full information regarding the operations of this Department in the Borough of Richmond.

Very respectfully,

JAMES P. KEATING, Commissioner of Highways.

#### DOCUMENT "A."

Statement Showing Titles of Appropriations; Balances of 1898 Appropriations on March 31, 1899; Payments and Transfers from Appropriations of 1898 during Second Quarter of 1899; Balances of 1898 on June 30, 1899; Appropriations for 1899; Payments First Quarter of 1899; Balances of 1899 on June 30, 1899; Memoranda of Payments on Appropriations prior to 1898; during First and Second Quarters of 1899; also Statement of Payments on Special and Trust Accounts during First and Second Quarters of 1899.

TITLES OF APPROPRIATIONS.	BALANCES OF 1898 ON MARCH 31, 1899.	PAYMENTS AND TRANSFERS DURING SECOND QUARTER, 1899.	BALANCES OF 1898 ON JUNE 30, 1899.	APPROPRIATIONS FOR 1899.	PAYMENTS, FIRST QUARTER, 1899.	PAYMENTS, SECOND QUARTER, 1899.	BALANCES OF 1899 ON JUNE 30, 1899.
<i>Borough of Manhattan.</i>							
Boring Examinations for Grading Contracts.....	\$619 95	\$152 00	\$467 95	\$2,000 00	\$437 75	\$365 00	\$1,197 25
Boulevards, Roads and Avenues, Maintenance of .....	1,044 36	140 00	904 36	139,150 00	26,773 20	42,917 72	69,459 08
Contingencies.....	186 11	186 11	.....	2,000 00	480 33	776 66	743 01
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....	2,522 50	1,682 17	840 33	2,000 00	.....	.....	2,000 00
One Hundred and Fifty-fifth Street Viaduct—Maintenance and Repairs.....	33,846 01	16,254 30	17,591 71	12,000 00	772 00	774 00	10,454 00
Removing Obstructions in Streets and Avenues.....	179 15	179 15	.....	15,000 00	2,591 50	4,354 40	8,054 10
Roads, Streets and Avenues Unpaved—Maintenance of and Sprinkling.....	64 26	46 85	17 41	40,000 00	5,422 87	8,963 75	25,613 38
Maintenance of Eighth Avenue Pavement.....	.....	.....	.....	19,200 00	.....	4,800 00	14,400 00
Repairs and Renewal of Pavements and Regrading .....	16,988 52	6,449 56	10,538 96	400,000 00	56,659 57	120,849 71	222,490 72
Repaving Streets and Avenues.....	285,679 51	140,115 98	145,563 53	300,000 00	155 73	627 12	299,217 15
Salaries—General Administration.....	612 14	612 14	.....	25,690 00	3,999 96	3,999 96	17,690 08
“ Administration .....	.....	.....	.....	32,690 00	4,762 47	4,827 00	23,100 53
“ Boulevards, Roads and Avenues, Maintenance of. ....	510 18	510 18	.....	6,250 00	1,312 47	1,312 47	3,625 06



TITLES OF APPROPRIATIONS.	BALANCES OF 1898 ON MARCH 31, 1899.	PAYMENTS AND TRANSFERS DURING SECOND QUARTER, 1899.	BALANCES OF 1898 ON JUNE 30, 1899.	APPROPRIATIONS FOR 1899.	PAYMENTS, FIRST QUARTER, 1899.	PAYMENTS, SECOND QUARTER, 1898.	BALANCES OF 1899 ON JUNE 30, 1899.
Salaries—Removing Obstructions in Streets and Avenues.....	\$143 79	\$143 79	.....	\$14,500 00	\$3,624 99	\$3,624 99	\$7,250 02
“ Repairs and Renewal of Pavements and Regrading.....	117 26	.....	\$117 26	22,500 00	4,246 98	4,173 23	14,079 79
“ Repaving Streets and Avenues.....	101 98	101 98	.....	50,000 00	5,109 94	9,388 19	35,501 87
“ Inspectors of Paving.....	1,098 84	1,098 84	.....	.....	.....	.....	.....
“ Assessment Work.....	878 00	878 00	.....	.....	.....	.....	.....
Total.....	\$344,592 56	\$168,551 05	\$176,041 51	\$1,082,980 00	\$116,349 76	\$211,754 20	\$754,876 04
<i>Borough of The Bronx.</i>							
Salaries.....	\$408 32	\$408 32	.....	\$14,300 00	\$3,139 96	\$3,264 96	\$7,895 08
Salaries—Assessment Work.....	5,340 01	5,340 01	.....	.....	.....	.....	.....
Contingencies.....	11 16	.....	\$11 16	1,000 00	18 00	111 53	870 47
Labor, Maintenance and Supplies.....	808 34	342 30	466 04	561,020 00	49,207 58	119,869 95	391,942 47
Preliminary Surveys, etc.....	1,090 23	316 60	773 63	28,240 00	6,806 72	8,482 53	12,950 75
Rock Soundings.....	5,266 39	5,266 38	01	10,975 00	1,939 66	3,923 61	5,111 73
Standard Bench Marks.....	77 10	77 10	.....	4,870 00	2,178 56	1,191 20	1,500 24
Wagon Trucks for Trees, etc.....	6,000 00	6,000 00	.....	.....	.....	.....	.....
Preparing Site for Lorelei Fountain.....	4,983 50	116 18	4,867 32	.....	.....	.....	.....
Maintenance of Viaduct and Bridges.....	4,384 95	3,383 97	1,000 98	14,500 00	995 18	1,315 50	12,199 32
Removing Incumbrances.....	.....	.....	.....	9,940 00	776 87	1,694 58	7,168 55
Total.....	\$28,370 00	\$21,250 86	\$7,119 14	\$644,845 00	\$65,052 53	\$139,853 86	\$439,938 61
<i>Borough of Brooklyn.</i>							
Salaries.....	\$9,519 60	\$9,519 60	.....	\$77,838 00	\$15,521 95	\$16,378 23	\$45,937 82
Labor, Maintenance and Supplies.....	42,740 15	21,344 75	\$21,395 40	409,750 00	28,071 23	63,817 98	317,860 79
Contingencies.....	.....	.....	.....	1,500 00	140 05	209 65	1,150 30
Total.....	\$52,259 75	\$30,864 35	\$21,395 40	\$489,088 00	\$43,733 23	\$80,405 86	\$364,948 91
<i>Borough of Queens.</i>							
Salaries.....	\$56 55	\$56 55	.....	\$10,300 00	\$2,537 50	\$2,637 50	\$5,125 00
Labor, Maintenance and Supplies.....	205 85	.....	\$205 85	175,000 00	26,099 65	56,878 39	97,021 96
Maintenance of Viaducts and Bridges.....	.....	.....	.....	10,000 00	576 05	503 94	8,920 01
Laying Asphalt Strips at Thirty-fourth and Ninety-second Street Ferries.....	22,000 00	.....	22,000 00	.....	.....	.....	.....
Total.....	\$22,262 40	\$56 55	\$22,205 85	\$195,300 00	\$29,213 20	\$60,019 83	\$106,066 97
<i>Borough of Richmond.</i>							
Salaries.....	\$29 71	\$27 94	\$1 77	\$17,886 67	\$4,146 60	\$4,119 93	\$9,620 14
Labor, Maintenance and Supplies.....	565 74	.....	565 74	90,000 00	4,853 38	19,446 94	65,699 68
Maintenance of Viaducts and Bridges.....	62 29	59 55	2 74	.....	.....	.....	.....
Total.....	\$657 74	\$87 49	\$570 25	\$107,886 67	\$8,999 98	\$23,566 87	\$75,319 82
Grand total.....	\$448,142 45	\$220,810 30	\$227,332 15	\$2,520,099 67	\$263,348 70	\$515,600 62	\$1,741,150 35

## Memoranda of Payments on Appropriations prior to 1898, during First and Second Quarters of 1899.

TITLE OF APPROPRIATIONS.	FIRST QUARTER.				SECOND QUARTER.					TOTAL.
	1891.	1892.	1896.	1897.	1890.	1892.	1893.	1896.	1897.	
Repairs and Renewal of Pavements and Regrading.....	\$53 27	.....	\$4,389 85	.....	.....	.....	.....	\$990 00	.....	\$5,433 12
Repaving Streets and Avenues.....	.....	\$105 96	.....	.....	\$201 96	\$505 08	\$336 17	.....	\$977 65	2,125 82
Street Improvements for Surveying, Monumenting, etc..	.....	.....	.....	\$440 00	.....	.....	.....	.....	.....	440 00

## Statement of Payments on Special and Trust Accounts for First and Second Quarter of 1899.

TITLE OF ACCOUNTS.	FIRST QUARTER.	SECOND QUARTER.	TOTAL.	TITLE OF ACCOUNTS.	FIRST QUARTER.	SECOND QUARTER.	TOTAL.
<i>Borough of Manhattan.</i>				<i>Borough of Brooklyn.</i>			
Restoring and repaving—Special Fund.....	\$18,022 17	\$7,899 74	\$25,921 91	Restoring and Repaving—Special Fund.....	\$2,649 73	\$9,000 90	\$11,050 63
Street Improvement Fund.....	39,097 14	45,181 07	84,278 21	Local Improvement Fund, chapter 771, Laws of 1896.....	188 00	10,232 34	10,420 34
Riverside Drive Viaduct Extension.....	26,489 09	46,690 39	73,179 48	Assessment Fund, chapter 583, Laws of 1888.....	16,105 28	30,152 53	46,257 81
Repaving, chapter 346, Laws of 1889.....	3,585 04	2,261 48	5,846 52	Assessment Fund, chapter 625, Laws of 1886.....	376 00	.....	376 00
Repaving, chapter 35, Laws of 1892.....	4,789 73	1,078 92	5,868 65	Common Lands Fund, chapter 472, Laws of 1897.....	.....	3,071 40	3,071 40
Repaving, chapter 475, Laws of 1895.....	6,950 17	.....	6,950 17	Twenty-sixth Ward Improvement Fund, chapter 310, Laws of 1892..	.....	982 05	982 05
Repaving, chapter 87, Laws of 1897.....	10,178 96	18,498 50	28,677 46	Repairing Streets.....	1,650 52	.....	1,650 52
Total.....	\$109,112 30	\$121,610 10	\$230,722 40	Total.....	\$20,369 53	\$53,439 22	\$1,380 75
<i>Borough of The Bronx.</i>				<i>Borough of Queens.</i>			
Restoring and Repaving—Special Fund.....	\$204 79	\$1,772 47	\$1,977 26	Restoring and Repaving—Special Fund.....	\$110 00	.....	\$110 00
Street Improvement Fund.....	95,504 75	172,582 29	268,087 04	Richmond Hill Sidewalk Improvement Fund.....	414 55	\$91 00	532 55
Repaving, chapter 149, Laws of 1896.....	617 92	190 20	808 12	Newtown Road Street Improvement Fund.....	26,505 12	6,805 02	33,310 14
Repaving, chapter 31, Laws of 1897.....	7,892 15	11,007 41	18,899 56	Jamaica Street Improvement Fund.....	7,148 40	125 00	7,273 40
Bridge over New York and Harlem Railroad at One Hundred and } Fifty-third street.....	86 77	66 50	153 27	College Point Street Improvement Fund.....	.....	1,008 17	1,008 17
Bridge crossing Gerard avenue, etc., chapter 645, Laws of 1897.....	4,953 08	7,897 90	12,850 98	Total.....	\$34,205 07	\$8,009 19	\$42,214 26
Brook Avenue Steel Beam Structure over Port Morris Branch } Railroad, etc., chapter 616, Laws of 1896.....	127 42	585 80	713 22	<i>Borough of Richmond.</i>			
Melrose Avenue Viaduct over New York and Harlem Railroad, } chapter 680, Laws of 1897.....	147 80	.....	147 80	Restoring and Repaving—Special Fund.....	\$123 10	.....	\$123 10
Construction Rose Hill Place, chapter 624, Laws of 1896.....	.....	243 06	243 06	Richmond County Road Bond Account.....	16,633 23	\$2,524 10	39,157 33
Total.....	\$109,534 68	\$194,345 63	\$303,880 31	Northfield Road Bond Account.....	20 25	3,103 27	3,123 52
				Westfield Road Bond Account.....	982 45	6,733 73	7,716 18



TITLE OF ACCOUNTS.	FIRST QUARTER.	SECOND QUARTER.	TOTAL.
Middletown Road Bond Account.....	\$1,913 80	\$20,293 00	\$22,206 80
Tottenville Road Bond Account.....	9 10		9 10
Southfield Boulevard and Road Bond Account.....	9,645 21	27,124 63	36,769 84
Total.....	\$29,327 14	\$79,778 73	\$109,105 87
Grand Total.....	\$302,548 72	\$457,202 87	\$759,751 59

Statement of Moneys Received by the Department of Highways and Deposited with the City Chamberlain during First and Second Quarter of 1899.

TITLE OF ACCOUNTS.	FIRST QUARTER.	SECOND QUARTER.	TOTAL.
<b>Borough of Manhattan.</b>			
Restoring and Repaving—Special Fund.....	\$26,657 50	\$37,018 50	\$63,676 00
Vaults.....	17,770 82	77,183 45	94,954 27
Sheds.....	440 00	840 00	1,280 00
Redemptions.....	90 75	208 50	299 25
Auction sales.....		430 78	430 78
Rollers and sprinklers.....	204 50	21 00	225 50
Work and material.....	2 50	30 00	32 50
For laying pipe—American Air Power Company.....		150 00	150 00
Total.....	\$45,166 07	\$115,882 23	\$161,048 30
<b>Borough of The Bronx.</b>			
Restoring and Repaving—Special Fund.....	\$1,582 86	\$2,415 11	\$3,997 97
Vaults.....	114 00	223 36	337 36
Sheds.....		5 00	5 00
Roller and sprinklers.....		30 00	30 00
Work and material.....	86 32		86 32
Auction sales.....	178 30	13,461 26	13,639 56
Removing boiler.....		10 00	10 00
Total.....	\$1,961 48	\$16,144 73	\$18,106 21
<b>Borough of Brooklyn.</b>			
Restoring and Repaving—Special Fund.....	\$9,987 65	\$14,506 12	\$24,493 77
Vaults.....	562 40	346 20	908 60
Auction sales.....	57 60	51 30	108 90
Total.....	\$10,607 65	\$14,903 62	\$25,511 27
<b>Borough of Queens.</b>			
Restoring and Repaving—Special Fund.....	\$168 00		\$168 00
<b>Borough of Richmond.</b>			
Restoring and Repaving—Special Fund.....	\$1 63		\$1 63
Removing snow.....	13 00		13 00
Total.....	\$14 63		\$14 63
Grand Total.....	\$57,917 83	\$146,930 58	\$204,848 41

## DOCUMENT "B."

DEPARTMENT OF HIGHWAYS,  
BUREAU OF STREET OPENINGS, PAVING AND REPAVING,  
No. 150 NASSAU STREET,  
NEW YORK, June 30, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways:

SIR—Below please find report of all moneys collected by me for the second quarter of the year 1899 ending June 30.

	SPECIAL FUND.	GENERAL FUND.
<b>Borough of Manhattan.</b>		
Sewers, water and corporations.....	\$37,018 50	
J. C. Wund, vaults.....		\$77,183 45
J. C. Wund, work and material.....		180 00
T. J. Sullivan, sheds.....		840 00
T. J. Sullivan, redemptions.....		208 50
T. J. Sullivan, auction sales.....		430 78
J. Simpson, steam roller.....		21 00
<b>Borough of Brooklyn.</b>		
Restoring and repaving.....	14,506 12	
Vaults.....		346 20
Auction sales.....		51 30
<b>Borough of The Bronx.</b>		
Restoring and repaving.....	2,415 11	
Use steam roller.....		30 00
Expense removing boiler.....		10 00
Sheds.....		5 00
Vaults.....		223 36
Auction sales.....		13,461 26
Total.....	\$53,939 73	\$92,990 85
Grand Total.....	\$146,930 58	

Respectfully,

G. GIFFORD STILWELL, Acting Cashier.

## DOCUMENT "C."

MILEAGE OF PAVED STREETS IN ALL BOROUGHES.

<b>Borough of Manhattan.</b>		Miles.
Kind of Pavement.		
Specification granite.....		152.91
Square granite.....		9.55
Specification trap.....		41.30
Belgian trap.....		29.34
Asphalt.....		142.27
Asphalt blocks.....		8.17
Cobble-stone.....		1.10
Karri wood.....		.08
Macadam.....		19.03
Total.....		403.75
<b>Borough of The Bronx.</b>		
Specification granite.....		33.00
Specification trap.....		8.31
Belgian trap.....		.27
Asphalt.....		8.39
Macadam.....		94.44
Total.....		144.41
<b>Borough of Brooklyn.</b>		
Asphalt.....		67.59
Granite.....		113.27
Cobble-stone.....		237.30
Belgian trap.....		45.33
Macadam.....		73.17
Vitrified brick.....		3.78
Total.....		540.44
<b>Borough of Queens.</b>		
Specification granite.....		27.48
Belgian trap.....		6.43
Asphalt.....		3.00
Vitrified brick.....		14.30
Cobble-stone.....		.30
Macadam.....		373.36
Gravel.....		13.68
Total.....		438.80
<b>Borough of Richmond.</b>		
Specification granite.....		.18
Specification trap.....		.03
Belgian trap.....		.07
Macadam.....		153.70
Total.....		153.98

## DOCUMENT "D."

DEPARTMENT OF HIGHWAYS—OFFICE OF CHIEF ENGINEER,  
Nos. 17 TO 21 PARK ROW,  
NEW YORK, July 1, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways:

SIR—In compliance with your instructions, I have the honor to submit herewith my report of the transactions of this office for the quarter ending June 30, 1899.

Respectfully,

ANDREW E. FOYÉ, Principal Assistant Engineer.

The quantities in the statement of work done during the quarter were apportioned over the following contracts:

Extension of Riverside drive.  
Regulating, grading, etc., One Hundred and Eightieth street, from Amsterdam avenue to Kingsbridge road.  
Regulating, grading, etc., One Hundred and Eighty-first street, from Kingsbridge road to Boulevard Lafayette.  
Regulating, grading, etc., Sherman avenue, from Tenth avenue to Kingsbridge road.  
Regulating, grading, etc., Nagle avenue, from Kingsbridge road to Tenth avenue (except between Kingsbridge road and Dyckman street).  
Flagging, reflagging, curbing and recurbing, Thirty-fourth street, from the East river to North river.  
Flagging, reflagging, curbing and recurbing, Seventh avenue, from Greenwich avenue to Central Park, West.

## Statement of Work done during the Quarter Ending June 30, 1899.

Earth excavated, cubic yards.....	6,223
Rock excavated, cubic yards.....	2,838
Filling furnished, cubic yards.....	29,570
Flagging furnished and laid, square feet.....	59,933
Flagging relaid, square feet.....	55,000
Curbstone furnished and set, linear feet.....	8,357
Curbstone reset, linear feet.....	750
Walls built, cubic yards.....	1,500
Concrete laid, cubic yards.....	5,646
Dressed granite furnished and laid, cubic yards.....	4,288
Cut granite furnished and laid, cubic yards.....	911
Rubble backing furnished and laid, cubic yards.....	1,407
Face masonry laid, cubic yards.....	948
Voussoirs, cubic yards.....	211
Steel furnished, pounds.....	1,000
Piles furnished.....	846
Brick furnished and laid.....	24,300
Granite caps furnished and laid.....	5

## Amount of Vouchers Drawn.

Street Improvement Fund.....	\$50,065 19
Extension of Riverside Drive.....	46,563 19
One Hundred and Fifty-fifth Street Viaduct, Maintenance and Repairs.....	8,379 50
Boring Examinations for Grading Contracts.....	319 00
Contingencies.....	90 00
Flagging Sidewalks and Fencing Vacant Lots, etc., 1898.....	1,682 17
Total.....	\$107,099 05

## Regulating, Grading, Curbing and Flagging.

Cooper street, Academy to Isham street—This work is almost completed, but has not yet been accepted by the Department.

One Hundred and Thirty-ninth street, Seventh to Fifth avenue; One Hundred and Fortieth street, Seventh avenue to the Harlem river—The regulating and grading of above streets is nearly completed, the principal work yet to be done consisting of laying the flagging and setting curb.

Edgecombe avenue, One Hundred and Fifty-fifth to One Hundred and Seventy-fifth street—This was a very large contract. It has been returned by the Surveyor and Inspector as completed, but has not yet been accepted by the Department.

Emerson street, Seaman to Amsterdam avenue—The work of regulating and grading this street is progressing slowly, having been found that there is considerable sub-grade rock necessary to be excavated before it can be accepted by the Department as properly completed.

Sherman avenue, Tenth avenue to Kingsbridge road—This work is progressing satisfactorily and should be completed this fall.

Nagle avenue, from Kingsbridge road to Tenth avenue (except between Kingsbridge road and Dyckman street)—This work has been returned as completed, but has not yet been accepted by the Department.

One Hundred and Eighty-first street, Kingsbridge road to Boulevard Lafayette—This contract is a large one and work is progressing in a satisfactory manner.







## Permits Issued for Laying Gas-mains.

DATE, PERMIT.	LOCATION.	COMPANY.
1899.		
Apr. 20	Avenue D, east side, from south side of Sixteenth street to south side of Twelfth street.	Consolidated Gas Company.
" 20	Fifteenth street, south side, from 200 feet east of Avenue C to west side of Avenue D.	"
" 20	Elm street, east side, from north side of Duane street to north side of Great Jones street.	"
May 18	Elm street, west side, from Great Jones street to Duane street.	"
" 22	One Hundred and Eleventh street, north side, from Amsterdam avenue to Boulevard.	"
" 22	One Hundred and Eighteenth street, north side, from Morning side avenue to Amsterdam avenue.	"
Apr. 28	Fifteenth street, north side, from Avenue C to 100 feet west.	"
" 28	Avenue C, west side, from Fifteenth street to Sixteenth street.	"
" 3	One Hundred and Eighteenth street, south side, from west side of Fifth avenue to east side of Lenox avenue.	Standard Gas Company.
" 3	West End avenue, west side, from south side of One Hundred and Eighth street to north side of One Hundred and Fifth street.	"
" 5	One Hundred and First street, south side, from Central Park West, to Manhattan street.	"
" 10	One Hundred and Twenty-fifth street, south side, from west side of Manhattan street to west side of Boulevard.	"
" 5	Madison avenue, west side, from north side of One Hundred and Sixteenth street to south side of One Hundred and Twentieth street.	"
" 3	One Hundred and Fifteenth street, south side, from west side of Lenox avenue to east side of St. Nicholas avenue.	"
" 25	Thirty-third street, south side, from west side of Sixth avenue to east side of Seventh avenue.	"
" 25	Ninety-second street, south side, from west side of Amsterdam avenue to east side of West End avenue.	"
" 24	Eightieth street, south side, from west side of Amsterdam avenue to west side of West End avenue.	"
Mar. 30	Sullivan street, east side, from 10 feet south of north corner of Canal street to 150 feet north of north corner of Canal street.	New Amsterdam Gas Company.
" 30	Boulevard, west side, from 10 feet north of south corner of Sixtieth street to 125 feet south of south corner of Sixtieth street.	"
" 30	Sixtieth street, south side, from 7 feet east of west corner of Boulevard to 25 feet west of west corner of Boulevard.	"
Apr. 24	Mercer street, west side, from West Third street to 100 feet north.	"
May 1	Nineteenth street, south side, from east side of Sixth avenue to 270 feet east of east corner of Sixth avenue.	"
" 10	Thirty-fifth street, south side, from 14 feet west of east corner of Sixth avenue to 150 feet east of east corner of Sixth avenue.	"
" 16	Ninety-ninth street, south side, from 10 feet east of west corner of Amsterdam avenue to 250 feet west of west corner of Amsterdam avenue.	"
" 10	Ninety-ninth street, south side, from west side of Amsterdam avenue to Broadway.	"
" 20	Orchard street, west side, from 4 feet north of south corner of Rivington street to 250 feet north of north corner of Rivington street.	"
June 9	Eighty-fourth street, south side, from 4 feet west of east corner of Avenue A to west corner of East End avenue.	"
" 15	One Hundred and Seventeenth street, south side, from west side of Lexington avenue to east side of Park avenue.	"
" 15	Lexington avenue, west side, from south side of One Hundred and Sixteenth street to 8 feet north of south corner of One Hundred and Seventeenth street.	"
" 22	One Hundred and Seventeenth street, south side, from west side of Lexington avenue to 10 feet east of west corner of Third avenue.	"
" 27	St. Nicholas avenue, east side, from south side of One Hundred and Twenty-fifth street to 10 feet north of south corner of One Hundred and Twenty-seventh street.	"
Apr. 3	Grand street, north side, from West Broadway to Sullivan street.	Mutual Gas Company.
" 20	Grand street, south side, from West Broadway to Sullivan street.	"

## Permits Issued for Laying New Subways.

DATE, PERMIT.	LOCATION.	COMPANY.
1899.		
Apr. 3	Seventh avenue, east side, from north side of Greenwich avenue to north side of Fourteenth street.	Empire City Subway Company.
" 6	Gold street, east side, from north side of John street to south side of Fulton street.	"
" 10	John street, north side, from east side of Pearl street to west side of William street.	"
" 11	Pearl street, south side, from east side of Park Row to east side of William street.	"
" 11	William street, from south side of Pearl street to south side of Duane street.	"
" 14	Ninth avenue, east side, from north side of Fifty-sixth street to south side of Fifty-eighth street.	"
Mar. 26	Madison avenue, east side, from south side of Seventy-ninth street to north side of Eighty-second street.	"
May 3	Sixth avenue, west side, from south side of Eighteenth street to south side of Twenty-third street.	"
Apr. 28	Amsterdam avenue, west side, from south side of Seventy-ninth street to south side of Eighty-ninth street.	"
Mar. 26	Amsterdam avenue, west side, from south side of Seventy-ninth street to south side of Seventy-fifth street.	"
Apr. 14	Seventy-ninth street, north side, from east side of Lexington avenue to west side of Park avenue.	"
" 28	Elm street, west side, from north side of Franklin street to north side of Walker street.	"
May 10	Hudson street, west side, from south side of Horatio street to south side of Gansevoort street.	"
" 15	Prince street, south side, from west side of Wooster street to east side of West Broadway.	"
" 19	State street, east side, from south side of Bridge street to north side of Pearl street.	"
" 19	Greenwich street, west side, from north side of Chambers street to south side of Reade street.	"
" 2	Avenue C, east side, from south side of Tenth street to north side of Fourth street.	"
" 23	Sixth avenue, east side, from south side of Nineteenth street to 50 feet end of Twenty-third street.	"
" 22	Seventh avenue, west side, from north side of Thirty-third street to south side of Thirty-fourth street.	"
" 25	Washington street, west side, from north side of Battery place to north side of Morris street.	"
" 26	Tenth avenue, west side, from south side of Eighteenth street to north side of Twenty-third street.	"
June 3	Greenwich street, west side, from south side of Twelfth street to north side of Jay street.	"
" 3	Washington street, west side, from south side of Vestry street to south side of Desbrosses street.	"
" 13	Twenty-seventh street, north side, from east side of Fourth avenue to west side of Madison avenue.	"
Mar. 26	First avenue, east side, from north side of Thirty-second street to south side of Thirty-fifth street.	"
" 26	West End avenue, west side, from south side of One Hundred and Eighth street to south side of One Hundred and Seventh street.	"
May 8	First avenue, east side, from south side of Thirty-fifth street to north side of Thirty-eighth street.	"
Apr. 7	One Hundred and Seventeenth street, south side, from east side of Morning side avenue to west side of Manhattan avenue.	Consolidated Telegraph and Electrical Subway Company.
" 10	Rivington street, south side, from east side of Forsyth street to east side of Elbridge street.	Consolidated Telegraph and Electrical Subway Company.
" 10	One Hundred and Ninth street, south side, from east side of Boulevard to east side of Amsterdam avenue.	Consolidated Telegraph and Electrical Subway Company.
" 14	Fifty-seventh street, south side, from east side of Park avenue to east side of Lexington avenue.	Consolidated Telegraph and Electrical Subway Company.
" 14	Sixth avenue, from southwest to northeast corner of Sixteenth street.	Consolidated Telegraph and Electrical Subway Company.
" 14	Eleventh avenue, east side, from south side of Forty-second street to north side of Forty-second street.	Consolidated Telegraph and Electrical Subway Company.
" 14	Tenth avenue, east side, from south side of Forty-second street to north side of Forty-second street.	Consolidated Telegraph and Electrical Subway Company.
" 14	One Hundred and Twentieth street, south side, from west side of Third avenue to west side of Second avenue.	Consolidated Telegraph and Electrical Subway Company.
" 14	One Hundred and First street, north side, from east side of West End avenue to Riverside drive.	Consolidated Telegraph and Electrical Subway Company.

DATE, PERMIT.	LOCATION.	COMPANY.
1899.		
Apr. 14	Boulevard, west side, from north side of One Hundred and Second street to north side of One Hundred and Third street.	Consolidated Telegraph and Electrical Subway Company.
May 27	One Hundred and Tenth street, north side, from west side of Lenox avenue to east side of Seventh avenue.	Consolidated Telegraph and Electrical Subway Company.
" 25	One Hundred and Eleventh street, north side, across Seventh avenue.	Consolidated Telegraph and Electrical Subway Company.
" 25	Seventh avenue, east side, from north side of One Hundred and Tenth street to north side of One Hundred and Eleventh street.	Consolidated Telegraph and Electrical Subway Company.
June 5	Delancey street, south side, from east side of Chrystie street to north side of Norfolk street.	Consolidated Telegraph and Electrical Subway Company.
" 16	Delancey street, north side, from east side of Clinton street to east side of Pitt street.	Consolidated Telegraph and Electrical Subway Company.
" 16	Pitt street, east side, from north side of Delancey street to south side of Rivington street.	Consolidated Telegraph and Electrical Subway Company.
" 16	Clinton street, east side, from south side of Rivington street to south side of Delancey street.	Consolidated Telegraph and Electrical Subway Company.
" 16	Rivington street, south side, from west side of Suffolk street to east side of Delancey street.	Consolidated Telegraph and Electrical Subway Company.
" 24	One Hundred and Fourteenth street, south side, from east side of Seventh avenue to east side of St. Nicholas avenue.	Consolidated Telegraph and Electrical Subway Company.
" 24	Seventh avenue, east side, from north side of One Hundred and Eleventh street to north side of One Hundred and Fourteenth street.	Consolidated Telegraph and Electrical Subway Company.

## Permits Issued to the Metropolitan Street Railway Company.

DATE, PERMIT.	LOCATION.	PURPOSE.
1899.		
Apr. 18	One Hundred and Sixteenth street, from Madison to First avenue.	Laying additional feeder ducts.
May 2	Eleventh avenue, between Twenty-sixth and Twenty-seventh streets, also Twenty-eighth and Twenty-ninth streets, between Tenth and Eleventh avenues.	Laying temporary side tracks.
" 21	Lexington avenue, from a point about midway between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets to One Hundred and Thirty-first street.	Extending west track and laying a turnout.
" 18	One Hundred and Sixteenth street and Lenox avenue.	Making repairs.
" 18	One Hundred and Thirty-fifth street, between Madison and Eighth avenues.	Laying 24 feeder ducts.
June 9	Lenox avenue, at foot of One Hundred and Forty-sixth and One Hundred and Forty-seventh street, from Lenox avenue to a point half way between Lenox and Seventh avenues.	Installing additional feeder ducts.
" 26	Fulton street, between Broadway and Church streets.	Realigning and reconstructing present track.
" 26	First avenue, between Fifty-ninth street and Harlem river.	Laying ducts for electric feeders.
" 28	Eighty-sixth street, between Second avenue and Avenue A.	"

## Permits Issued to the Third Avenue Railroad Company.

DATE, PERMIT.	LOCATION.	PURPOSE.
1899.		
Apr. 31	Bowery and Park row, from Grand street to Brooklyn Bridge.	Construction of underground electric railway.
Mar. 13	One Hundred and Twenty-fifth street and Manhattan street, from North river to Harlem river.	Laying temporary side track.
Apr. 22	Brooklyn Bridge to Ann street.	Changing motive power.
June 20	Amsterdam avenue, from Manhattan street to One Hundred and Ninety-fourth street.	"
" 28	Amsterdam avenue, from Manhattan street to One Hundred and Ninety-fourth street.	Laying temporary side track.

## Permits Issued to the Forty-second Street, Manhattanville and St. Nicholas Avenue Railroad Company.

DATE, PERMIT.	LOCATION.	PURPOSE.
1899.		
Apr. 13	Broadway, from Grand Circle to Sixty-fifth street, and from Seventy-first to Eighty-sixth street.	Changing motive power.
" 21	Broadway, east and west sides, from Grand Circle to Sixty-fifth street.	Laying temporary side track.
May 2	Broadway, east and west sides, from Eighty-sixth to One Hundred and Twenty-fifth street.	Changing motive power.
June 10	Forty-second street, from Hudson river to East river.	"
" 26	Amsterdam avenue, from Broadway, near Seventy-first street, to Fifty-ninth street.	"
" 26	Amsterdam avenue, from Broadway, near Seventy-first street, to Fifty-ninth street.	Laying temporary side track.

## Miscellaneous Permits.

DATE, PERMIT.	LOCATION.	TO WHOM ISSUED.
1899.		
May 15	Borough of Manhattan.	
June 12	Thirteenth avenue, between Twenty-third and Twenty-fifth streets.	American Air Power Company.
" 9	Eleventh avenue, from Twenty-eighth to Twenty-ninth streets.	New York Central and Hudson River Railroad.
" 16	One Hundred and Seventh street, No. 110 West, across the street.	Liquid Carbonic Acid Manufacturing Company.
" 20	Sheriff street, from No. 27 to No. 30.	R. Hoe & Co.
" 20	Third avenue at One Hundred and Seventy-seventh street.	Manhattan Railway Company.
May 10	Borough of The Bronx.	
Apr. 6	Webster avenue, from Two Hundred and First street to Olin avenue, and Olin avenue, from Webster avenue to White Plains road, except over the Bronx Bridge.	Union Railway Company.
Apr. 6	Borough of Brooklyn.	
" 6	Kingston avenue, northwest corner Douglass street.	Brooklyn Heights Railroad.
" 11	Nostrand avenue, east side, between President and Carroll streets.	"
" 11	Rockaway avenue, northeast corner Fulton street.	"
" 11	Flatbush avenue, northwest corner Avenue F.	"
" 11	Third avenue, southwest corner Atlantic avenue.	"
" 11	New Utrecht avenue, intersection Sea Beach road.	"
" 18	Vanderbilt avenue, northeast corner Greene avenue.	"
" 18	Fulton avenue, southeast corner Utica avenue.	"
" 18	Vernon avenue, northwest corner Clove road.	"
" 18	Flatbush avenue, intersection Atlantic avenue.	"
" 18	Court square, intersection Fulton street.	"
May 8	Ninth avenue and Twentieth street.	"
" 18	Flatbush avenue and Malbone street.	"



DATE PERMIT.	LOCATION.	TO WHOM ISSUED.
<b>Borough of Queens.</b>		
1899. May 26	Mott avenue, from Sheridan Boulevard to St. James street, and St. James street, from Mott avenue to Cornaga avenue; Cornaga avenue, from St. James street to the turnpike, then on the turnpike, with single track only, from Cornaga avenue to South street; South street, from the turnpike to the easterly end thereof; also South street, from turnpike to Central avenue; Central avenue, with single track only, from South street to 150 feet north of Mott avenue; also Clark street, from Central avenue to the turnpike, and Lockwood street, from Central avenue to the turnpike.	Ocean Electric Railway Company, Far Rockaway.
June 1	Between Far Rockaway and Rockaway Park	New York, Rockaway Beach Railroad.
<b>Borough of Richmond.</b>		
May 5	Broadway (Tottenville), across, between Fisher and Church streets.	Atlantic Terra Cotta Company.

## DOCUMENT "G."

DEPARTMENT OF HIGHWAYS—BUREAU OF STREETS AND ROADS,  
No. 150 NASSAU STREET,  
NEW YORK, July 12, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways:

DEAR SIR—I respectfully submit the following statement of the financial condition of the Bureau, accompanied with an accounting of the work done and the materials used during the quarter June 30, 1899:

The operations of this Bureau consist of the maintenance of 18.94 miles of gravel and macadam roads and 33.26 miles of dirt roads in the Borough of Manhattan.

During the past quarter, Seventh avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets, has been covered with gravel screenings to the amount of 1,004 cubic yards, making this avenue an excellent driveway.

In repairing the macadam and gravel roadways there has been used 1,488 cubic yards of gravel, 1,110 cubic yards of broken stone and 187 cubic yards of trap rock screenings; 35 monitors have kept the roads well sprinkled and aided in compacting the new road material.

In the Boulevard parkways the fountains have been repaired and the basins filled with plants, 3,100 flowers and shrubs have been planted, 7 plots have been resodded, the walk resurfaced and all the plots kept well sprinkled.

Respectfully,

JOHN SIMPSON, Superintendent of Streets and Roads.

The following is a statement of the work performed and materials used on "Boulevards, Roads and Avenues," and "Roads, Streets and Avenues Unpaved, Maintenance of and Sprinkling":

Macadam roadway repaired, square yards	6,694
Gravel roadway repaired, square yards	1,785
Macadam roadway regulated and graded, square yards	7,915
Dirt roadway regulated and graded, square yards	12,959
Roadway covered with gravel screenings, square yards	17,760
Gutters regulated and graded, square yards	1,225
Roadway cleaned, miles	1,288
Gutters cleaned, miles	1,360
Crosswalks cleaned, miles	2,542
Gravel hauled and used, loads	2,276
Gravel screenings hauled and used, loads	1,894
Stone, hauled and used, loads	1,351
Broken stone, hauled and used, loads	2,220
Stone screenings hauled and used, loads	374
Earth hauled and used, loads	1,032
Sand hauled and used, loads	24
Paving stones, hauled and used, loads	1
Flagging relaid, square feet	2,745
Curb re-set, linear feet	12
Drain laid, linear feet	26
Washouts filled, loads	122
Refuse removed, loads	3,666
Scraping roadway, hours	29
Rolling roadway, hours	332
Sprinkling roadway, hours	13,272
Trees pruned	32
Shrubs planted	500
Plants placed in Boulevard plots	2,600
Sod laid, square feet	20,000
Boulevard walks resurfaced and repaired, miles	4

The following is a summary of the work performed in the Bureau shops:

Monitors made	1	Grass cutters made	3
Monitors repaired	8	Chisels made	3
Monitors painted	11	Chisels sharpened	2
Monitors packed	2	Shovels made	15
Monitors lashed	14	Swivel bars made	4
Road rollers repaired	1	Seat springs made	2
Hoe-crook collars made	25	Journal boxes for rollers made	2
Tires set	4	Hook for scrapers made	54
Rubber washers cut out	210	Hands put on monitors	5
Signs painted	159	Bars sharpened	8
Roller pins made	8	Bridge irons made	2
Hand carts repaired	2	Bolts made	10
Hand carts made	1	Front levers for monitors made	10
Sets whiffle-trees repaired	10	King pins made	1
Monitor poles made	6	Wheels made	2
Pole plates made	4	Screen bands made	12
Pole chains made	2	Snow plows repaired	2
Hose put on crooks	30	Sets of brass couplings put on hose	10
Connection irons made	11	Road rollers painted	1
Kings made	12	Brass couplings repaired	8
Springs made	8	Rammers repaired	2
Blow-off wrenches made	45	Road scrapers made	1
Machine wrenches made	6	Water valves made sets	3
Rammers made	3	Spring blocks for monitors made	2
Rammer handles made	29	Snow plows painted	2

The following is a Statement of the Various Appropriations under Charge of the Bureau of Streets and Roads.

Boulevards, Roads and Avenues, Maintenance of, 1898	\$132,250 00
Amount transmitted during the year ending December 31, 1898	122,157 97
Balance December 31, 1898	\$10,092 03
Amount transmitted during the quarter ending March 31, 1899, from the appropriation of 1898	9,053 07
Balance April 1, 1899	\$1,038 96
Amount transmitted during the second quarter ending June 30, 1899, from the appropriation of 1898	140 00
Balance June 30, 1899	\$898 96
Amount appropriated for the year 1899	\$139,150 00
Amount transmitted during the first quarter ending March 31, 1899	26,773 20
Balance April 1, 1899	\$112,376 80
Amount transmitted during the second quarter ending June 30, 1899, including pay-rolls	42,926 84
Balance July 1, 1899	\$69,449 96

Roads, Streets and Avenues, Unpaved, Maintenance of and Sprinkling, 1899	\$40,000 00
Amount transmitted during the first quarter ending March 31, 1899	5,422 87
Balance April 1, 1899	\$34,577 13
Amount transmitted during the second quarter ending June 30, 1899	8,963 75
Balance July 1, 1899	\$25,613 38

The following amount has been received during the quarter ending June 30, 1899, for use of road rollers, sprinkling wagons, etc., and deposited to the credit of the General Fund

	\$21 00
Boulevards, Roads and Avenues, Maintenance of—Salaries, 1899	\$6,250 00
Amount transmitted during the first quarter ending March 31, 1899	1,312 47
Balance April 1, 1899	\$4,937 53
Amount transmitted during the second quarter ending June 30, 1899	1,312 47
Balance July 1, 1899	\$3,625 06

## DOCUMENT "H."

DEPARTMENT OF HIGHWAYS—BUREAU OF INCUMBRANCES,  
No. 150 NASSAU STREET,  
NEW YORK, July 7, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways:

DEAR SIR—I herewith submit the following report of the operations of this Bureau for the quarter ending June 30, 1899 (months of April, May and June), as follows:

1,203 complaints of obstructions received and attended to	
194 seizures and removals of obstructions made	
1,799 building material permits issued	
379 permits issued to cross sidewalks	
1 permit issued to cut down shade trees	
12 notices served to repair defective vault covers	
174 permits issued to erect temporary sheds over sidewalks	
Expense of seizing and removing 188 articles, including 635 loads of dirt, stone and rubbish, and throwing in dirt and rubbish on premises at various places; and removing 285 dead and dangerous trees, stumps, posts, etc.	\$4,397 20
Total expense for the quarter	8,022 19

Received from owners for the redemption of seized articles	\$227 50
Received for permits issued for sheds over sidewalks	870 00
Received from auction sale of unredeemed goods, May 29, 1899	430 78
	\$1,528 28

—all of which was duly paid over to the City Chamberlain.

Salary account appropriation	\$14,500 00
Expended up to July 1	7,249 98
Balance	\$7,250 02

Appropriation for removing obstructions and incumbrances from streets and avenues	\$15,000 00
Expended up to July 1	8,393 15
Balance	\$6,606 85

Respectfully,

T. J. SULLIVAN, Superintendent of Incumbrances.

## DOCUMENT "I."

Contracts Entered into during the Quarter ending June 30, 1899.

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
<b>BOROUGH OF MANHATTAN.</b>		
<i>Miscellaneous Contracts.</i>		
Furnishing broken trap-rock and screenings	Conklin & Foss	\$5,546 00
Furnishing gravel and gravel screenings	Brown & Fleming	5,000 00
		\$10,546 00

## Contracts Completed.

NATURE AND LOCATION OF WORK.	AMOUNT.
<b>BOROUGH OF MANHATTAN.</b>	
<i>Paving and Repaving Contracts.</i>	
Paving Seventieth street, from Central Park, West, to Columbus avenue	\$8,916 69
Paving Wall street, from Broadway to Broad and Nassau streets	2,541 84
	\$11,458 53
<i>Regulating and Grading Contract.</i>	
Regulating, grading, etc., One Hundred and Eightieth street, from Amsterdam avenue to Kingsbridge road	\$9,262 30

## RECAPITULATION.

2 Paving and repaving contracts	\$11,458 52
1 Regulating and grading contract	9,262 30
3 Contracts	\$20,720 83

## DOCUMENT "J."

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS—DEPUTY COMMISSIONER'S OFFICE,  
BOROUGH OF THE BRONX,  
THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET,  
NEW YORK, July 6, 1899.

Hon. JAMES H. MALONEY, Deputy Commissioner of Highways, Borough of The Bronx:

DEAR SIR—I have the honor to submit the following report of expenditures of the Department of Highways, Borough of The Bronx, for three months ending June 30, 1899:

Summary of Expenditures for Three Months Ending June 30, 1899, being Amount of Vouchers Drawn on Account of Appropriations and Funds.

Salaries—Office of Deputy Commissioner; Contingencies; Labor, Maintenance and Supplies; Preliminary Surveys, etc.; Rock Soundings; Standard Bench Marks; Removing Incumbrances; Repairing and Maintaining Bridges; Maintenance of Viaducts and Bridges, and preparing site for Lorelei Fountain	\$143,042 92
On account Restoring and Repaving—Special Fund	1,772 47
On account Street Improvement Fund (assessment on property benefited)	222,555 04



Repaving Roads, Streets and Avenues (Bronx).....	\$992 01
Paving Jerome avenue (chapter 31, Laws 1897).....	11,007 41
Construction of Rose Hill place (chapter 624, Laws 1896).....	243 06
Steel Beam Structure over New York and Harlem Railroad, Brook avenue and One Hundred and Fifty-seventh street, Port Morris Branch Railroad (chapter 616, Laws 1896).....	585 80
Bridges crossing New York Central and Hudson River Railroad at Gerard, Walton, River avenues etc. (chapter 645, Laws 1897).....	7,897 90
Bridge over New York and Harlem River Railroad at One Hundred and Fifty-third street (chapter 650, Laws 1897).....	66 50
	<u>\$388,163 11</u>

*Detailed Statement of Expenditures for which Vouchers were Drawn by the Commissioner of Highways, Borough of The Bronx, during the Three Months ending June 30, 1899.*

Office of Deputy Commissioner (Bronx)—Salaries of Deputy Commissioner, Chief Clerk, Private Secretary, Clerks, etc.....	\$3,264 96
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Contingencies—	
Telephone service.....	\$83 38
Reports from Albany.....	22 90
Rubber stamps.....	5 25
	<u>111 53</u>

Labor, Maintenance and Supplies, Account of 1898—	
Seat and springs for road machine.....	\$2 50
Badges for employees.....	432 80
	<u>435 30</u>

Labor, Maintenance and Supplies, Account of 1899—	
Pay-rolls Laborers, etc.....	\$109,909 04
Pay-rolls General Superintendents, General Inspectors, Clerks, etc.....	6,664 95
Pay-rolls Engineers, etc.....	125 11
Leather, harness repairs.....	42 50
Use of tools.....	36 00
Kerosene oil, turpentine, etc.....	72 92
Veterinary services.....	120 70
Horseshoeing.....	172 50
Traveling expenses.....	574 21
Lumber.....	346 66
Repairs to carriages, shafts, hubs, etc.....	124 03
Drawing inks.....	8 84
Rentals (house at Williamsbridge).....	54 00
Block filling.....	74 40
Hose and couplings.....	184 32
Cement.....	25 00
Pasturage for horse.....	20 00
Coal.....	47 50
Hay, oats, straw, etc.....	549 62
Stationery (notices, etc.).....	35 19
Sand and gravel.....	338 25
Hardware (supplies).....	361 23
Mounting maps.....	3 75
Pumps, etc.....	45 00
Horse (purchase of).....	200 00
Water for sprinklers.....	175 33
Brooms.....	40 50
	<u>120,351 65</u>

Preliminary Surveys, etc., Account 1898—	
Safe.....	\$300 00
Books.....	25 65
	<u>325 65</u>

Preliminary Surveys, etc., Account 1899—	
Pay-rolls Laborers, etc.....	\$1,271 00
Pay-rolls General Superintendents.....	174 52
Pay-rolls Engineers, Draughtsmen, etc.....	6,598 43
Hardware.....	4 75
Stationery.....	45 71
Traveling expenses.....	479 60
Rods, targets, etc.....	88 00
Blue print paper.....	13 60
Binding assessment lists.....	32 00
	<u>8,707 61</u>

Rock Soundings, Account 1898—	
Pay-rolls Engineers, etc.....	929 03

Rock Soundings, Account 1899—	
Pay-rolls Laborers, etc.....	\$2,814 25
Pay-rolls General Superintendents.....	52 80
Pay-rolls Engineers, Draughtsmen, etc.....	1,056 56
	<u>3,923 61</u>

Standard Bench Marks—	
Pay-rolls Engineers, Draughtsmen, etc.....	1,191 20

Removing Incumbrances—	
Pay-rolls Laborers, etc.....	\$544 12
Pay-rolls (temporary Superintendent, etc.).....	966 65
Expenses of removing boiler to yard.....	10 00
Books.....	145 26
Supplies.....	28 55
Lumber.....	151 90
	<u>1,846 48</u>

Repairing and Maintaining Bridges, Account 1898—	
Lumber.....	247 02

Maintenance of Viaducts and Bridges—	
Pay-roll Laborers, etc.....	\$1,315 50
Lumber.....	277 20
	<u>1,592 70</u>

Preparing Site for Lorelei Fountain—	
Pay-rolls Engineers, Draughtsmen, etc.....	\$36 18
Pay-rolls Inspectors.....	80 00
	<u>116 18</u>

Restoring and Repaving—Special Fund (Bronx)—	
Pay-rolls, repairs.....	1,772 47

Street Improvement Fund—	
Pay-rolls, Engineers, Draughtsmen, etc.....	\$7,719 76
Pay-rolls, Inspectors.....	12,447 72
Pay-rolls, General Superintendent (Foreman).....	39 35
Paid contractors, regulating, grading and paving.....	202,348 21
	<u>222,555 04</u>

Repaving Roads, Streets and Avenues (Bronx)—	
One Hundred and Thirty-eighth street and Third avenue to Willis avenue.....	\$165 76
Westchester avenue, Third avenue to Prospect avenue.....	636 05
One Hundred and Fortieth street, Third avenue to Brook avenue.....	190 20
	<u>992 01</u>

Paving Jerome Avenue, chapter 31, Laws 1897—	
Paving Jerome avenue, Macomb's Dam bridge to One Hundred and Sixty-second street.....	\$270 90
Paving Jerome avenue, One Hundred and Sixty-second street to Tremont avenue.....	10,736 51
	<u>11,007 41</u>

Construction of Rose Hill place, chapter 624, Laws 1896.....	243 06
Steel Beam Structure over New York and Harlem Railroad, Brook Avenue and One Hundred and Fifty-seventh Street, Port Morris Branch, chapter 616, Laws 1896—	
Pay-rolls Engineers, Draughtsmen, etc.....	\$198 80
Pay-rolls Inspectors.....	387 00
	<u>585 80</u>

Bridges Crossing New York Central and Hudson River Railroad, at Gerard, Walton, River Avenues, etc., chapter 645, Laws 1897—	
Pay-rolls Engineers, Draughtsmen, etc.....	\$435 50
Pay-rolls Inspectors.....	321 00
Paid contractors.....	7,141 40
	<u>\$7,897 90</u>

Bridge over New York and Harlem Railroad at One Hundred and Fifty-third Street, chapter 650, Laws 1897—	
Pay-rolls Engineers, etc.....	66 50
	<u>\$388,163 11</u>

Cash received from Maintenance Bureau for various permits issued during the quarter ending June 30, 1899 (for details see General Superintendent's report)...	\$2,670 89
Cash received from Bureau of Incumbrance for quarter ending June 30, 1899 (for details see Superintendent's report).....	15 00
Cash received for use of steam roller.....	30 00
Cash received from auction sale.....	13,461 26
	<u>\$16,177 15</u>

Respectfully,  
CHARLES McCAFFREY, Clerk.

DOCUMENT "K."

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS—BOROUGH OF THE BRONX,  
DEPUTY COMMISSIONER'S OFFICE,  
THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET.  
NEW YORK, August 3, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways, New York City:

DEAR SIR—I beg to report, as follows, the work done under my jurisdiction in the Borough of The Bronx during the quarter ending June 30, 1899:

There have been in progress during the quarter, 51 regulating and grading contracts, of which 7 have been completed; 3 regulating and paving contracts, of which one has been completed; and 4 viaduct and bridge contracts.

Under the regulating and grading contracts the principal items of work done during the quarter are as follows:

Earth excavations, cubic yards.....	57,451.7
Rock excavations, cubic yards.....	57,002.6
Filling, cubic yards.....	235,138.8
New curb, linear feet.....	70,050.4
New flagging, square feet.....	247,037.2

On the contracts for regulating and paving during the quarter the results are as follows:

Brick pavement, square yards.....	1,400
Granite-block pavement, square yards.....	5,710
Asphalt pavement, square yards.....	2,155

Much greater activity is apparent in the contract work in this borough during this quarter than appeared in the preceding quarter, and the volume of work as shown by the detailed statements has been exceedingly heavy, the work has been carefully looked after and generally good results have been obtained. Many of the contracts for regulating, grading, etc., are rapidly approaching completion, which will result in the opening up of a very considerable mileage of new streets where building improvements will no doubt follow as rapidly as has been the case in all recently opened streets.

This improvement will have its effect to the interest of the City at large in increased valuations.

Numerous resolutions have been passed by the Local Board for regulating, grading and paving, none of which have yet been acted upon by the Municipal Assembly. Many of them have been reported upon by this office, and it is important that these works should be put under contract and completed as soon as possible, so that the progress of the borough should not be retarded.

In the matter of repaving streets for which the appropriation has not been made, I wish to call attention to the fact that many of the streets requiring repaving are important thoroughfares, and their present condition causes a great deal of unfavorable comment against this Department, while it is not in our power to improve the conditions until the funds are appropriated with which to do the work.

The work on the viaducts is progressing favorably. Two contracts have been completed during the quarter, though the payments have not been certified.

In the Engineering Bureau the work has been pushed as rapidly as possible, and with the following general results:

During the quarter 8 records of contracts completed have been entered, 10 assessment lists made, 34 preliminary surveys completed, with estimate of cost and assessment valuation, 59 seventy per cent. payments, 8 payments on acceptance, 9 payments of retained amounts, 3 five per cent. and ten per cent. retained amount payments, 38 field books made, 15 scows measured. The Draughting Bureau have completed all old assessment lists, and will in future be able to forward lists on completed contracts without delay.

The following resumé of work done by the Maintenance Bureau shows that the matter of maintaining and repairing highways has received careful attention, and greater results have been obtained during this quarter than appeared in the last, owing to the remarkably dry season that we have had, which permitted of a volume of work that necessarily operated to the betterment of the condition of the various highways to the fullest extent of the resources available for the purpose.

Macadamized streets (repaired, re-surfaced and macadamized), square yards.....	649,337
Paved street (repaired with granite, trap and cobble-stone pavement), square yards.....	16,843
Unpaved streets (repaired, surfaced and scraped), square yards.....	721,455
Gutters (formed and cleaned), linear feet.....	921,241
Curbstones (reset), linear feet.....	2,179
Sidewalks (other than contract work repaired, formed and surfaced with ashes), square feet.....	363,827
Sidewalks (plank laid and repaired), linear feet.....	12,456
Crosswalks (relaid, repaired and cleaned), square feet.....	2,501,478
Retaining-walls (built and rebuilt), cubic yards.....	598
Bridges (replanked and repaired).....	12
Bridges (cleaned).....	26

The main thoroughfares of the borough have been sprinkled daily, when necessary, to the extent of ninety miles.

The following will show the extent of work in the matter of issuing permits and the resources collected in connection therewith:

Permits issued, all classes.....	2,416
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Cash received for restoring pavement over sewer connections.....	\$1,743 85
" restoring pavement over sewer repairs.....	33 48
" restoring pavement over Croton connections.....	296 54
" restoring pavement over Croton repairs.....	226 42
" restoring pavement over gas openings.....	147 24
" vaults.....	223 36

Total cash received during the quarter..... \$2,670 89

The following will show the extent of work done by the Bureau of Incumbrance:

Permits issued, all classes.....	536
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Cash received for redemption of seized articles.....	\$10 00
" permit for shed over sidewalk.....	5 00

Total cash received..... \$15 00

*Summary of Expenditures for Three Months ending June 30, 1899, being Amount of Vouchers Drawn on Account of Appropriation of Funds.*

Salaries—Office of Deputy Commissioner—Contingencies—Labor, Maintenance and Supplies—Preliminary Surveys, etc., Rock Soundings—Standard Bench Marks—Removing Incumbrance—Repairing and Maintaining Bridges—Maintenance of Viaducts and Bridges, and preparing site for Lorelei Fountain.....	\$143,042 92
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On account of restoring and repaving—Special fund.....	\$1,772 47
On account of Street Improvement Fund (a—assessment on property benefited).....	222,555 04
Repaving roads, streets and avenues (Bronx).....	992 01
Paving Jerome avenue (chapter 31, Laws 1897).....	11,007 41
Construction of Rose Hill place (chapter 624, Laws 1896).....	243 06
Steel beam structure over New York and Harlem Railroad, Brook avenue and One Hundred and Fifty-seventh street, Port Morris Branch Railroad (chapter 616, Laws 1896).....	585 80
Bridges crossing New York Central and Hudson River Railroad at Gerard, Walton, River avenues, etc. (chapter 645, Laws 1897).....	7,897 90
Bridge over New York and Harlem Railroad at One Hundred and Fifty-third street (chapter 650, Laws 1897).....	66 50
	<u>\$388,163 11</u>

Miles of Streets Paved during the Quarter, and Total Mileage of Paved Streets in the Borough of The Bronx, June 30, 1899.

	DURING QUARTER.	TOTAL MILEAGE.
With specification granite.....	.150	33.000
With square granite.....	.....	.....
With specification trap.....	.....	8.300
With belgian trap.....	.....	.270
With sheet asphalt.....	.....	8.390
Block asphalt.....	.....	.....
With wood.....	.....	.....
With macadam { by maintenance—New.....	.260	91.44
{ by remacadamizing.....	1.830	
With cobble.....	.....	.....
With gravel.....	.....	.....
With brick.....	.....	.....

I transmit herewith detailed reports of the Chief Engineer, Borough of The Bronx, the General Superintendent of Maintenance, Superintendent of Incumbrances and the Bookkeeper.

Respectfully,  
JAS. H. MALONEY,  
Deputy Commissioner of Highways, Borough of The Bronx.

## DOCUMENT "L."

JULY 5, 1899.

Hon. JAMES H. MALONEY, Deputy Commissioner of Highways:

DEAR SIR—In compliance with your request I beg to submit a report of the work done under the bureau over which I have charge during the quarter ending June 30, 1899, with detailed statements on each work, and summaries for the quarter.

Rose Hill place, construction of, regulating and grading—

500 cubic yards filling.  
100 linear feet new curb.  
1,400 square yards brick pavement.  
In progress.

Broadway (Crotona avenue), from Boston road to Southern Boulevard, regulating, grading—

3,000 cubic yards rock excavation.  
9,300 cubic yards filling.  
650 linear feet new curb.  
11,000 square feet new flagging.  
5,080 square feet new bridgestone.  
In progress.

Marion avenue, from One Hundred and Eighty-fourth street to Mosholu parkway, regulating and grading—

800 cubic yards earth excavation.  
200 cubic yards rock excavation.  
1,200 cubic yards filling.  
2,600 linear feet new curb.  
11,300 square feet new flagging.  
3,200 square feet old flagging.  
690 square feet new bridgestone.  
In progress.

Tremont avenue, from New York and Harlem Railroad to Jerome avenue, regulating and grading—

1,300 linear feet new curb.  
3,900 square feet new flagging.  
2,600 square feet new bridgestone.  
1,200 linear feet fencing.  
Completed.

Bathgate avenue, Wendover avenue to One Hundred and Eighty-eighth street, regulating and grading—

1,300 cubic yards earth excavation.  
3,350 cubic yards rock.  
2,850 cubic yards filling.  
6,900 linear feet new curb.  
39,700 square feet new flagging.  
In progress.

Clinton avenue, from Crotona Park to East One Hundred and Eighty-second street, regulating and grading—

900 cubic yards earth excavation.  
250 cubic yards rock.  
1,500 cubic yards filling.  
1,500 linear feet new curb.  
7,900 square feet new flagging.  
900 square feet new bridgestone.  
1,190 linear feet fencing.  
Completed.

Arthur avenue, from Tremont avenue to Pelham avenue, regulating and grading—

1,000 cubic yards earth excavation.  
9,200 cubic yards filling.  
100 cubic yards dry rubble masonry.  
In progress.

Anthony avenue, from Clay avenue to Concourse, regulating and grading—

6,000 cubic yards earth excavation.  
1,150 cubic yards rock excavation.  
4,400 cubic yards filling.  
150 linear feet new curb.  
1,900 square feet new flagging.  
250 cubic yards dry rubble masonry.  
120 square feet new bridgestone.  
In progress.

Valentine avenue, from Burnside avenue to One Hundred and Ninety-second street, regulating and grading—

2,500 cubic yards earth excavation.  
2,600 cubic yards rock excavation.  
6,800 cubic yards filling.  
200 cubic yards dry rubble masonry.  
In progress.

One Hundred and Eighty-seventh street, from Park avenue to Southern Boulevard, regulating and grading—

500 cubic yards earth excavation.  
1,535 cubic yards rock excavation.  
3,080 cubic yards filling.  
400 linear feet new curbstone.

One Hundred and Eighty-seventh street, from Park avenue to Southern Boulevard, regulating and grading—

400 square feet new flagging.  
35 cubic yards dry rubble masonry.  
In progress.

Brown place, from One Hundred and Thirty-second street to One Hundred and Thirty-eighth street, regulating and grading—

3,375 cubic yards earth excavation.  
6,800 cubic yards rock excavation.  
700 cubic yards filling.  
In progress.

River avenue, from One Hundred and Forty-ninth street to Jerome avenue, regulating and grading—

13,650 cubic yards filling.  
2,500 linear feet new curb.  
In progress.

Spencer place, from East One Hundred and Forty-fourth street to East One Hundred and Fiftieth street, regulating and grading—

No work done; in progress.

Crotona Park, South, from Fulton to Prospect avenue, regulating and grading—

No work done; in progress.

One Hundred and Fortieth street, from Third to Brook avenue, asphalt—

No work done; in progress.

Morris avenue, from West Farms road to Bear Swamp road, work on Union Railway—

Private permit.

One Hundred and Sixty-seventh street, from Sheridan avenue to New York and Harlem Railroad, regulating and grading—

19,775 cubic yards filling.  
5,179 linear feet new curb.  
19,351 square feet new flagging.  
163 cubic yards dry rubble masonry.  
5,019 square feet new bridgestone.  
Completed.

Morris avenue, from New York and Harlem Railroad to Concourse, regulating and grading—

31,500 cubic yards filling.  
90 cubic yards dry rubble masonry.  
200 feet (B. M.) lumber.  
In progress.

One Hundred and Fifty-first street, from Mott avenue to Exterior street—

6,564 cubic yards filling.  
In progress.

One Hundred and Seventieth street, from Franklin avenue to Boston road, regulating and grading—

1,498 linear feet new curb.  
6,162 square feet new flagging.  
In progress.

Walton avenue, from East One Hundred and Thirty-eighth street to One Hundred and Fiftieth street, regulating and grading—

2,007 cubic yards rock excavation.  
In progress.

Tremont avenue, from Jerome avenue to Aqueduct avenue, regulating and grading—

800 cubic yards earth excavation.  
120 cubic yards rock excavation.  
10,500 cubic yards filling.  
1,295 cubic yards dry rubble masonry.  
60 linear feet vitrified pipe.  
In progress.

Boscobel avenue, from Jerome avenue to Washington Bridge, regulating and grading—

50 cubic yards earth excavation.  
1,000 cubic yards filling.  
5,400 linear feet new curb.  
240 cubic yards dry rubble masonry.  
4,000 linear feet paved gutters.  
In progress.

Kappock street, from Spuyten Duyvil parkway to Johnson avenue, regulating and grading—

In progress.

Inwood avenue, from Jerome avenue to Washington Bridge, regulating and grading—

18,200 cubic yards filling.  
In progress.

Mott avenue, from Park avenue to One Hundred and Sixty-first street, regulating and grading—

9,650 cubic yards earth excavation.  
20 cubic yards rock excavation.  
4,000 cubic yards filling.  
4,343 linear feet new curb.  
340 linear feet old curb.  
1,073 cubic yards dry rubble masonry.  
In progress.

Sheridan avenue, from One Hundred and Fifty-third street to One Hundred and Sixty-first street, regulating and grading—

600 cubic yards earth excavation.  
6,893 cubic yards filling.  
2,083 cubic yards dry rubble masonry.  
In progress.

Lorelei Fountain—

1,100 cubic yards earth excavation.  
2,070 cubic yards rock.  
425 cubic yards filling.  
6 cubic yards brick masonry.  
83.4 cubic yards concrete.  
In progress.

One Hundred and Sixty-ninth street, from Jerome avenue to Concourse, regulating and grading—

35.5 cubic yards earth excavation.  
82.5 cubic yards rock excavation.  
1,288.2 cubic yards filling.  
181.3 linear feet new curb.  
209.8 linear feet old curb.  
6,989.3 square feet new flagging.  
998.1 square feet old flagging.  
13 cubic yards dry rubble masonry.  
2,175 square feet new bridgestone.  
Completed.

One Hundred and Sixty-ninth street, from Jerome avenue to Boscobel avenue, regulating and grading—

7,000 cubic yards filling.  
600 linear feet new curb.  
1,000 square feet new flagging.  
In progress.

Aqueduct avenue, from Lind avenue to Kingsbridge road, regulating and grading—

15,000 cubic yards earth excavation.  
12,500 cubic yards rock excavation.  
17,000 cubic yards filling.  
550 linear feet new curb.  
2,200 square feet new flagging.  
1,200 cubic yards dry rubble masonry.  
2,000 cubic yards rubble masonry in mortar.  
In progress.

Ogden avenue, from Jerome avenue to Washington Bridge, regulating and grading—

1,000 cubic yards earth excavation.  
2,185 cubic yards rock excavation.  
4,000 cubic yards filling.  
7,280 linear feet new curb.  
134 linear feet old curb.  
30,700 square feet new flagging.  
282 square feet old flagging.  
3,600 square feet new bridgestone.  
1,291.7 linear feet paved gutters.  
7,770 linear feet paved gutters.  
3 receiving-basins.  
Completed.

One Hundred and Seventy-second street, from Southern Boulevard to Bronx river, regulating and grading—

No work done; in progress.



One Hundred and Seventy-third street, from Southern Boulevard to West Farms road, regulating and grading—  
No work done; in progress.

Stebbins avenue, from Dawson street to Boston road, regulating and grading—  
1,000 cubic yards filling.  
2,900 linear feet new curb.  
In progress.

Longwood avenue, from Tiffany street to Southern Boulevard, regulating and grading—  
1,000 cubic yards filling.  
In progress.

Fox street, from Westchester avenue to Freeman street—  
380 cubic yards rock excavation.  
1,400 cubic yards filling.  
2,730 linear feet new curb.  
In progress.

Tiffany street, from Intervale avenue to East river, regulating and grading—  
3,000 cubic yards rock excavation.  
4,200 cubic yards filling.  
17,150 feet (B. M.) lumber.  
100 linear feet piles.  
In progress.

Wilkins place, from Southern Boulevard to Boston road, regulating and grading—  
5,000 cubic yards filling.  
3,200 linear feet new curb.  
12,600 square feet new flagging.  
1,830 square feet new bridgestone.  
2,000 linear feet fencing.  
In progress.

Westchester avenue, from Southern Boulevard to Bronx river, regulating and grading—  
2,250 cubic yards filling.  
In progress.

One Hundred and Sixty-third street, from Third to Westchester avenue, regulating and grading—  
1,324.9 cubic yards earth excavation.  
426 cubic yards rock excavation.  
1,908.8 cubic yards filling.  
1,167.1 linear feet new curb.  
52.2 linear feet old curb.  
5,984.8 square feet new flagging.  
112 square feet old flagging.  
225.7 cubic yards dry rubble masonry.  
532.4 square feet new bridgestone.  
55.2 square feet granite-block pavement.  
Completed.

Baretto street, from One Hundred and Sixty-fifth street to Intervale avenue, asphalt pavement—  
No work done; in progress.

Home street, from Boston road to Intervale avenue, paving—  
850.8 square yards granite-block pavement.  
Completed.

Cheever place, from Mott avenue to Gerard avenue, regulating and grading—  
1,250 cubic yards rock excavation.  
300 cubic yards filling.  
In progress.

Fordham road, from One Hundred and Eighty-ninth street to Jerome avenue (private permit), regulating and grading—  
1,000 cubic yards earth excavation.  
In progress.

Prospect avenue, from Westchester avenue to Crotona Park, South, regulating and grading—  
300 cubic yards earth excavation.  
1,000 cubic yards filling.  
100 linear feet new curb.  
2,000 square feet new flagging.  
In progress.

Trinity avenue, from Westchester avenue to One Hundred and Sixty-first street, regulating and grading—  
500 cubic yards earth excavation.  
1,500 cubic yards rock excavation.  
550 linear feet new curb.  
315 square feet new flagging.  
In progress.

Rogers place, from Dawson street to One Hundred and Sixty-fifth street, regulating and grading—  
64.3 cubic yards earth excavation.  
20.1 cubic yards rock excavation.  
2,092.8 cubic yards filling.  
2,936.6 linear feet new curb.  
44.4 linear feet old curb.  
11,578.5 square feet new flagging.  
345.6 square feet old flagging.  
4.6 cubic yards dry rubble masonry.  
1,118.8 square feet new bridgestone.  
115 linear feet new fencing.  
Completed.

Southern Boulevard, from One Hundred and Thirty-eighth street to Hunt's Point road, regulating and grading—  
4,380 cubic yards filling.  
In progress.

Robbins avenue, from Southern Boulevard to St. Mary's Park, regulating and grading—  
No work done; in progress.

Union avenue, from Southern Boulevard to Westchester avenue, asphalt pavement—  
5,350 linear feet old curb.  
In progress.

Spring place, from Third avenue to Boston road, regulating and grading—  
1,000 cubic yards earth excavation.  
900 cubic yards rock excavation.  
1,400 cubic yards filling.  
500 linear feet new curb.  
200 cubic yards rubble masonry.  
In progress.

Concord avenue, between Wales avenue and St. Mary's street (private permit), regulating and grading—  
7,000 cubic yards filling.  
In progress.

Norwood avenue, from Woodlawn road to Two Hundred and Seventh street, etc., regulating and grading—  
1,012 cubic yards earth excavation.  
482 cubic yards filling.  
906 linear feet new curb.  
9,157 square feet new flagging.  
98 cubic yards dry rubble masonry.  
955 square feet new bridgestone.  
942 linear feet new fencing.  
1,398 linear feet paved gutters.  
Completed.

Two Hundred and Thirty-third street, from Jerome avenue to Bronx river, regulating and grading—  
3,650 cubic yards earth excavation.  
200 cubic yards rock excavation.  
3,800 cubic yards filling.  
In progress.

Webster avenue, from Moshulu parkway to city line, regulating and grading—  
1,900 cubic yards earth excavation.  
5,600 cubic yards filling.  
3,900 cubic yards rock excavation.  
35 cubic yards dry rubble masonry.  
1,060 cubic yards rubble masonry in mortar.  
In progress.

Napier avenue, from Two Hundred and Thirty-third street to Mt. Vernon avenue, etc., regulating and grading—  
1,450 cubic yards earth excavation.  
700 cubic yards rock excavation above subgrade.  
2,800 cubic yards rock excavation below subgrade.  
11,000 cubic yards filling.  
12,500 linear feet new curb.

Napier avenue, from Two Hundred and Thirty-third street to Mt. Vernon avenue, etc., regulating and grading—  
62,900 square feet new flagging.  
6 manholes.  
3,700 square feet new bridgestone.  
14 receiving-basins.  
820 linear feet brick drain 4-inch, 9-inch, 4-inch, 0-inch, 3-inch, 9-inch.  
670 linear feet brick drain 3-inch, 3-inch, 3-inch, 0-inch, 2-inch, 9-inch, 2-inch, 6-inch.  
89 linear feet vitrified pipe in concrete.  
15,950 linear feet paved gutters.  
In progress.

One Hundred and Thirty-seventh street, from Brook avenue to Southern Boulevard, regulating and grading—  
No work done; in progress.

Work done on viaducts, bridges and other metal structures, constructing bridges, etc., at Gerard, Walton and River avenues, etc.—  
640 cubic yards earth excavation.  
1,340 cubic yards filling.  
23 cubic yards first-class masonry.  
285 cubic yards second-class masonry.  
380 cubic yards fourth-class masonry.  
988 square yards asphalt pavement.  
8,000 pounds iron and steel.  
230 linear feet railing.  
In progress.

Constructing a steel beam structure at Brook avenue—  
2,717 cubic yards filling.  
1,429.4 linear feet new curb.  
6.8 cubic yards concrete.  
1 cubic yard bridge seat masonry.  
2.3 cubic yards new abutment masonry.  
1,430 square feet new bridgestone.  
4,804 square yards granite-block pavement.  
1,167 square yards asphalt pavement.  
2,275 pounds iron and steel.  
2,448 square yards waterproofing.  
19 linear feet railing.  
1.5 cubic yards brick masonry.  
9 cubic yards masonry excavation.  
In progress.

Viaduct at Melrose avenue and One Hundred and Sixty-fifth street—  
No work done; in progress.

Viaduct over tracks of New York and Harlem Railroad at One Hundred and Fifty-third street—  
No work done; in progress.

In addition to the above a general examination has been begun of all viaducts in charge with purpose of making record and report.

## WORK DONE IN DRAUGHTING ROOM DURING THE QUARTER ENDING JUNE 30, 1899.

10 assessment lists completed—  
8 regulating and grading, etc.  
2 regulating paving, etc.  
964 lots, 75,542.22 frontage.

8 records entered—  
7 regulating, grading, etc.  
1 regulating paving, etc.

38 field books completed—  
22 regulating, grading, etc.  
16 regulating paving, etc.

54 tracings to accompanying reports completed—  
20 regulating, grading, etc.  
34 regulating, paving, etc.

13 plans in progress—  
13 regulating, grading, etc.

In addition to the above a number of assessment lists have been begun and are in different stages of advancement.

## CONTRACTS UNDER FIVE AND TEN YEARS REPAIRS.

10 years. . . Willis avenue, from One Hundred and Thirty-fourth street to Third avenue, asphalt.  
5 " . . . One Hundred and Forty-fourth street, from Brook to St. Ann's avenue, asphalt.  
5 " . . . Westchester avenue, from Third to Prospect avenue, asphalt strips.  
5 " . . . One Hundred and Thirty-eighth street, from Third to Willis avenue, asphalt strips.  
5 " . . . Webster avenue, from Kingsbridge road to Southern Boulevard, brick.  
10 " . . . One Hundred and Forty-third street, from Alexander to Brook avenue, asphalt.  
10 " . . . Boston road, from One Hundred and Sixty-fifth to One Hundred and Sixty-eighth street, asphalt.  
5 " . . . One Hundred and Thirty-sixth street, from Willis avenue to Brown place, asphalt.  
10 " . . . Alexander avenue, from Southern Boulevard to Third avenue, asphalt.  
10 " . . . One Hundred and Thirty-eighth street, from Willis avenue to Brown place, etc., asphalt.  
10 " . . . College avenue, from Morris avenue to One Hundred and Forty-fifth street, asphalt.  
10 " . . . One Hundred and Thirty-ninth street, from Third to Willis avenue, asphalt.  
5 " . . . St. Ann's avenue, from Southern Boulevard to One Hundred and Thirty-eighth street, asphalt.  
10 " . . . Webster avenue, from One Hundred and Sixty-fifth street to Pelham avenue, asphalt strips.  
10 " . . . Boston road, from East One Hundred and Sixty-eighth to Jefferson street, etc., asphalt.  
10 " . . . One Hundred and Thirty-eighth street, from Brown place to St. Ann's avenue, asphalt.  
10 " . . . One Hundred and Forty-second street, from Third to Willis avenue, asphalt.  
10 " . . . One Hundred and Forty-fifth and One Hundred and Forty-sixth streets, from Third to College avenues, asphalt.  
10 " . . . One Hundred and Fifty-fifth street, from Elton to Courtlandt avenue, asphalt.  
10 " . . . One Hundred and Forty-third street, from Third to One Hundred and Forty-fourth street, asphalt.  
10 " . . . Webster avenue, from One Hundred and Eighty-seventh to One Hundred and Eighty-ninth street, asphalt.  
10 " . . . One Hundred and Forty-second street, from College to Third avenue, etc., asphalt.  
10 " . . . Courtlandt avenue, from One Hundred and Forty-sixth to One Hundred and Sixty-third street, asphalt and brick.  
10 " . . . One Hundred and Thirty-fourth street, from Third to Alexander avenue, etc., asphalt.  
10 " . . . One Hundred and Forty-eighth street, from Third to St. Ann's avenue, asphalt.  
10 " . . . St. Ann's avenue, from One Hundred and Thirty-eighth street to Third avenue, asphalt strips.  
5 " . . . One Hundred and Thirty-seventh street, from Lincoln to Alexander avenue, asphalt.  
10 " . . . One Hundred and Thirty-fifth street, from St. Ann's to Cypress avenue, asphalt.  
5 " . . . Trinity avenue, from One Hundred and Sixty-third to One Hundred and Sixty-sixth streets, asphalt.  
5 " . . . Union avenue, from Westchester to Boston road, asphalt.  
3 " . . . Boston road, from Third avenue to One Hundred and Sixty-fifth street, granite with asphalt strips.  
5 " . . . Jerome avenue, from Macomb's Dam Bridge to One Hundred and Sixty-second street, brick paving.

## SUMMARY.

Contracts in Force April 1, 1899.

* Regulating, grading, etc.	51
† Regulating, paving, etc.	3
‡ Viaducts or bridges	4
Miscellaneous	58

## Contracts Executed during Quarter.

Regulating, paving, etc.	1
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\* Includes one contract for foundation, etc.  
† Includes one contract for regulating, grading and paving not included in regulating and grading.  
‡ Includes two contracts not ordered ahead.



## Contracts Completed during Quarter.

Regulating, grading, etc.	7
Regulating, paving, etc.	1
	8

## Contracts Still in Force June 30, 1899.

* Regulating, grading, etc.	44
† Regulating paving, etc.	3
Viaducts or bridges.	4
Miscellaneous.	..
	51

## Contracts Under Six Months Repairs.

One Hundred and Fifty-eighth street, from River to Walton avenue, regulating and grading.	
LaFontaine avenue, from Tremont avenue to Quarry road, regulating and grading.	
Brown place, from Southern Boulevard to One Hundred and Thirty-fifth street, paving.	
Eagle avenue, from One Hundred and Forty-ninth to One Hundred and Sixty-third street, paving.	
Orchard street, from Ogden to Marcher avenue, regulating and grading.	
Clinton avenue, from One Hundred and Sixty-ninth street to Crotona Park, South, regulating and grading.	
One Hundred and Thirty-eighth street, from Alexander avenue to Harlem river, regulating and grading.	
One Hundred and Fifty-ninth street, from Walton to Sheridan avenue, regulating and grading.	
One Hundred and Sixty-seventh street, from Third to Franklin avenue, paving.	
Brook avenue, from One Hundred and Sixty-fifth street to Wendover avenue, regulating and grading.	
Jerome avenue, from Van Cortlandt avenue to city line, macadam.	
Marcher avenue, from Jerome avenue to Featherbed lane, regulating and grading.	
Crotona Park, North, from Arthur avenue to East One Hundred and Seventy-fifth street, regulating and grading.	
St. Joseph's street, from Robbins to Whitlock avenue, regulating and grading.	
Jerome avenue, from One Hundred and Sixty-second street to Tremont avenue, macadam.	
Plimpton avenue, from Orchard street to Boscobel avenue, regulating and grading.	
Home street, from Intervale to Westchester avenue, regulating and grading.	

\* Includes one contract for foundation, etc.

† Includes one contract for regulating, grading and paving not included in regulating and grading.

Home street, from Boston road to Intervale avenue, paving.	
One Hundred and Sixty-seventh street, from Sheridan avenue to New York and Harlem Railroad, regulating and grading.	
Norwood avenue, from Woodlawn road to Two Hundred and Seventh street, regulating and grading.	
One Hundred and Sixty-third street, from Third to Westchester avenue, regulating and grading.	
Rogers place, from Dawson street to One Hundred and Sixty-fifth street, regulating and grading.	
One Hundred and Sixty-ninth street, from Jerome avenue to Concourse, regulating and grading.	
Clinton avenue, from Crotona Park, North, to East One Hundred and Eighty-second street, regulating and grading.	
Tremont avenue, from New York and Harlem Railroad to Jerome avenue, regulating and grading.	

## Summarized Statement of Work done during the Quarter ending June 30, 1899.

57,451.7 cubic yards earth excavation.	1,400 square yards brick pavement.
57,002.6 cubic yards rock excavation.	5,710 square yards granite-block pavement.
235,138.8 cubic yards filling.	6 manholes with heads complete.
70,050.4 linear feet old curbstone.	.1 cubic yard bridge seat masonry.
6,130.4 linear feet new curbstone.	2.3 cubic yards new abutment masonry.
247,037.2 square feet new flagging.	23 cubic yards first class masonry.
4,937.7 square feet old flagging.	285 cubic yards second class masonry.
7,305.3 cubic yards dry rubble masonry.	380 cubic yards fourth class masonry.
29,750.2 square feet new bridge stone.	2,155 square yards asphalt pavement.
149 linear feet vitrified pipe.	10,275 pounds iron and steel erected in place.
6,738.7 linear feet fencing.	2,445 square yards waterproofing.
17,350 feet (B. M.), lumber.	249 linear feet railing.
100 linear feet piles driven and cut off.	.9 cubic yards masonry excavation.
820 linear feet brick drain, 3-inch, 9-inch, 4-inch, 0-inch, 4-inch, 9-inch, diameter.	9 final payments.
670 linear feet brick main, 2-inch, 9-inch, 2-inch, 6-inch, 3-inch, 0-inch, 3-inch, 3-inch, diameter.	59 seventy per cent. payments.
3,060 cubic yards rubble masonry in mortar.	8 payments on acceptance.
29,118 linear feet paved gutters.	10 assessment lists completed.
17 receiving basins.	8 records completed.
7.5 cubic yards brick masonry.	38 field books completed.
90.2 cubic yards concrete.	54 tracings completed (preliminaries).
	34 surveys (preliminaries).
	15 scows measured.
	13 plans in progress.
	3 five and ten per cent. of retained amount payments.

## OFFICE OF THE CHIEF ENGINEER OF HIGHWAYS, BOROUGH OF THE BRONX.

## Financial Statement of Contracts under Construction on which Payments have been Earned during Quarter ending June 30, 1899.

TITLE OF WORK.	ESTIMATED COST.	TOTAL AMOUNT EARNED.	TOTAL AMOUNT RETAINED.	TOTAL AMOUNT CERTIFIED.	AMOUNT EARNED FROM APR. 1, 1899, TO JUNE 30, 1899.	AMOUNT CERTIFIED FROM APR. 1, 1899, TO JUNE 30, 1899.	REMARKS.
Tremont avenue regulating, grading, etc., from Jerome avenue to Aqueduct avenue.....	\$12,242 50	\$19,057 50	\$5,717 25	\$13,340 25	\$5,747 50	\$4,723 25	70 per cent., No. 5.
River avenue regulating, grading, etc., from One Hundred and Forty-ninth street to Jerome avenue	68,933 00	43,427 50	13,028 25	30,399 25	4,078 00	2,854 60	" No. 11.
Prospect avenue regulating, grading, etc., from Westchester avenue to Crotona Park, South .....	37,925 00	32,629 00	9,788 70	22,840 30	1,794 00	1,255 80	" No. 8.
Boscobel avenue regulating, grading, etc., from Jerome avenue to Washington Bridge .....	41,123 00	34,822 50	10,446 75	24,375 75	4,490 00	3,143 00	" No. 13.
Kappock street regulating, grading, etc., from Spuyten Duyvil Parkway to Johnson avenue.....	22,113 50	16,281 27	4,884 38	11,396 89	1,506 27	1,054 39	" No. 8.
Stebbins avenue regulating, grading, etc., from Dawson street to Boston road .....	30,977 50	15,850 50	4,755 15	11,095 35	1,588 00	1,111 60	" No. 6.
Tremont avenue regulating, grading, etc., from New York and Harlem Railroad to Jerome avenue .....	31,635 00	29,035 00	8,710 50	20,324 50	2,742 00	1,919 40	" No. 11.
Clinton avenue regulating, grading, etc., from Crotona Park, North, to East One Hundred and Eighty-second street .....	21,544 00	18,772 00	5,631 60	13,140 40	3,347 00	2,342 90	" No. 5.
Fox (Simpson) street regulating, grading, etc., from Westchester avenue to Freeman street.....	10,631 00	5,885 00	1,765 50	4,119 50	1,795 00	1,256 50	" No. 3.
Trinity avenue regulating, grading, etc., from Westchester avenue to One Hundred and Sixty-first street .....	29,589 95	16,698 02	5,009 41	11,688 61	1,806 61	1,054 63	" No. 7.
Bathgate avenue regulating, grading, etc., from Wendover avenue to One Hundred and Eighty-eighth street .....	47,216 50	43,239 00	12,971 70	30,267 30	15,802 03	11,061 40	" No. 11.
Anthony avenue regulating, grading, etc., from Clay avenue to Grand Boulevard and Concourse.	47,312 00	20,410 50	6,123 15	14,287 35	5,083 80	3,558 66	" No. 9.
Gerard, Walton and River avenues, etc., bridges crossing New York Central and Hudson River Railroad and New York and Putnam Railroad .....	82,618 50	89,644 00	26,893 20	62,750 80	10,202 00	7,141 40	" No. 11.
Inwood avenue regulating, grading, etc., from Cromwell avenue to Featherbed lane.....	57,664 00	10,401 50	3,120 45	7,281 25	8,500 00	5,950 00	" No. 2.
Walton avenue regulating, grading, etc., from One Hundred and Thirty-eighth street to One Hundred and Fifty-fifth street .....	25,978 40	3,857 00	1,157 10	2,699 90	2,057 00	1,439 90	" No. 2.
Wilkins place regulating, grading, etc., from Southern Boulevard to Boston road .....	19,465 95	17,410 40	5,223 12	12,187 28	8,330 40	5,831 28	" No. 7.
Napier avenue regulating, grading, etc., from Two Hundred and Thirty-third street (East Chester avenue) to Moun. Vernon avenue .....	294,075 00	185,841 30	55,752 39	130,088 91	53,233 30	37,163 31	" No. 15.
Marion avenue regulating, grading, etc., from One Hundred and Eighty-fourth street to Mosholu parkway.....	44,535 50	39,465 00	11,839 50	27,625 50	5,297 00	3,707 90	" No. 11.
Westchester avenue regulating, grading, etc., from Southern Boulevard to Bronx river .....	35,842 00	12,976 00	3,892 80	9,083 20	1,506 00	1,054 20	" No. 5.
One Hundred and Sixty-ninth street regulating, grading, etc., from Jerome avenue to Grand Boulevard and Concourse.....	5,895 05	5,228 64	1,568 39	3,660 05	2,685 57	1,879 90	" No. 2.
Aqueduct avenue regulating, grading, etc., from Lind avenue to Kingsbridge road .....	143,942 50	42,545 00	12,763 50	29,781 50	24,345 00	17,041 50	" No. 6.
One Hundred and Sixty-ninth street regulating, grading, etc., from Jerome avenue to Boscobel avenue .....	6,813 50	5,208 50	1,562 55	3,645 95	2,246 00	1,572 20	" No. 2.
Valentine avenue regulating, grading, etc., from Burnside avenue to Kingsbridge road.....	45,474 50	11,429 40	3,428 82	8,000 58	5,774 40	4,042 08	" No. 3.
Arthur avenue regulating, grading, etc., from One Hundred and Seventy-seventh street (Tremont avenue) to Pelham avenue.....	38,597 50	12,065 00	3,619 50	8,445 50	3,795 00	2,656 50	" No. 6.
Cheever place regulating, grading, etc., from Mott avenue to Gerard avenue.....	12,712 50	1,532 50	459 75	1,072 75	1,532 50	1,072 75	" No. 1.
Robbins avenue regulating, grading, etc., from Southern Boulevard to St. Mary's Park .....	14,507 50	1,746 00	573 80	1,222 20	1,746 00	1,222 20	" No. 1.
Sheridan avenue regulating, grading, etc., from One Hundred and Fifty-third street to One Hundred and Sixty-first street.....	52,291 70	5,348 40	1,604 52	3,743 88	5,348 40	3,743 88	" No. 1.
Brown place regulating, grading, etc., from One Hundred and Thirty-second to One Hundred and Thirty-eighth street.....	15,682 00	12,645 00	3,793 50	8,851 50	8,245 00	5,771 50	" No. 5.
Mott avenue regulating, grading, etc., from Park avenue (Railroad avenue, East), to One Hundred and Sixty-first street.....	38,439 70	16,950 01	5,085 00	11,865 51	7,563 71	5,294 60	" No. 6.
One Hundred and Eighty-seventh street regulating, grading, etc., from Park avenue to Southern Boulevard.....	35,231 25	5,525 00	1,657 50	3,867 50	3,422 50	2,395 75	" No. 2.
Spring place regulating, grading, etc., from Third avenue to Boston road.....	5,125 00	2,506 60	751 98	1,754 62	2,506 60	1,754 62	" No. 1.
Webster avenue regulating, grading, etc., completing, from Mosholu Parkway to City Line.....	89,867 50	8,073 00	2,421 90	5,651 10	8,073 00	5,651 10	" No. 2.
Southern Boulevard regulating, grading, etc., from East One Hundred and Thirty-eighth street to Hunt's Point road.....	55,450 50	17,254 00	5,176 20	12,077 80	1,533 00	1,073 10	" No. 8.
Ogden avenue regulating, grading, etc., from Jerome avenue to Washington Bridge.....	30,956 50	37,079 42	11,123 83	25,955 59	13,105 97	9,174 14	" No. 10.
Tiffany street regulating, grading, etc., from Intervale avenue to the East river.....	126,375 00	63,135 00	18,940 50	44,194 50	4,273 00	2,991 10	" No. 16.
Morris avenue regulating, grading, etc., from New York and Harlem Railroad to Grand Boulevard and Concourse.....	132,785 00	59,256 75	17,777 03	41,479 72	8,884 00	6,218 80	" No. 11.
Steel beam structure crossing Port Morris Branch Railroad over Brook avenue at One Hundred and Fifty-seventh street and Third avenue.....	49,978 56	52,537 80	15,761 34	36,776 46	12,272 80	5,590 96	" No. 9.
One Hundred and Seventieth street regulating, grading, etc., from Franklin avenue to Boston road..	7,172 50	6,127 88	1,838 36	4,289 52	2,249 88	1,574 92	" No. 3.
Total amount of 70 per cent. payments .....	\$1,898,751 56	\$1,021,896 89	\$306,569 07	\$715,327 82	\$259,208 15	\$181,445 72	
Westchester avenue repaving with asphalt, from Third avenue to Prospect.....	\$12,844 00	\$12,720 99	\$2,544 20	\$10,176 79	.....	\$636 05	Under 10 years' repairs.
Home street regulating and paving, from Boston road to Intervale avenue .....	11,760 50	11,148 26	1,058 00	10,090 26	.....	3,166 56	Under 6 months' repairs.
One Hundred and Sixty-third street regulating, grading, etc., from Third avenue to Westchester avenue .....	27,311 00	27,632 64	634 68	26,997 96	.....	10,015 26	" "
Norwood avenue regulating, grading, etc., from Woodlawn road to Two Hundred and Seventh street .....	43,666 00	43,640 96	11,708 38	41,682 58	.....	13,227 58	" "
One Hundred and Sixty-seventh street regulating, grading, etc., from Sheridan avenue to New York and Harlem Railroad.....	28,735 40	29,592 99	635 75	28,957 24	.....	17,697 39	" "
Rogers place regulating, grading, etc., from Dawson street to One Hundred and Sixty-fifth street.....	10,874 40	10,689 67	386 00	10,303 67	.....	5,975 15	" "
One Hundred and Thirty-eighth street repaving with asphalt, from Third avenue to Willis avenue..	3,630 90	3,316 28	663 06	2,652 22	.....	165 76	Under 10 years' repairs.
Total amount of payment on acceptance.....	\$138,822 20	\$138,740 79	\$7,880 07	\$130,860 72	.....	\$50,883 75	

\* These amounts also include 70 per cent. payments made during quarter.

† Special repairs, \$250.



TITLE OF WORK.	ESTIMATED COST.	TOTAL AMOUNT EARNED.	TOTAL AMOUNT RETAINED.	TOTAL AMOUNT CERTIFIED.	AMOUNT EARNED FROM APR. 1, 1899, TO JUNE 30, 1899.	AMOUNT CERTIFIED FROM APR. 1, 1899, TO JUNE 30, 1899.	REMARKS.
Lind avenue regulating, grading, etc., from Wolf street to Aqueduct avenue.....	\$18,492 39	\$17,361 11	.....	\$17,361 11	.....	\$446 25	Complete.
One Hundred and Sixty-eighth street regulating and paving, from Franklin avenue to Boston road .....	1,903 20	1,889 78	.....	1,889 78	.....	181 50	"
Gerard avenue regulating and paving, from Cheever place to One Hundred and Fiftieth street.....	9,191 80	9,056 48	.....	9,056 48	.....	839 60	"
One Hundred and Seventy-third street regulating and paving, from Third avenue to Vanderbilt avenue, East.....	4,791 60	4,793 40	.....	4,793 40	.....	439 10	"
Total amounts of completed contracts.....	\$34,378 99	\$33,100 77	.....	\$33,100 77	.....	\$1,956 45	

## RECAPITULATION.

	TOTAL ESTIMATED COST	TOTAL AMOUNT EARNED.	TOTAL AMOUNT RETAINED.	TOTAL AMOUNT CERTIFIED.	AMOUNT EARNED FROM APR. 1, 1899, TO JUNE 30, 1899.	AMOUNT CERTIFIED FROM APR. 1, 1899, TO JUNE 30, 1899.
Total amount of 70 per cent. payments.....	\$1,898,751 56	\$1,021,896 89	\$306,569 07	\$715,327 82	\$259,208 15	\$181,445 72
Total amount of payments on acceptance .....	138,822 20	138,740 79	7,880 07	130,860 72	.....	50,833 75
Total amount of completed contracts.....	34,378 99	33,100 77	.....	33,100 77	.....	1,956 45
Grand total.....	\$2,071,952 75	\$1,193,738 45	\$314,449 14	\$879,289 31	\$259,208 15	\$234,285 92

The contracts in force have nearly all been in progress during some part of the quarter, and on most of them good results in volume of work have been secured. There were—

- 58 contracts in force at beginning of quarter.
- 1 contract executed during quarter.
- 8 contracts completed during quarter.
- 51 contracts in force at end of quarter.

The principal items of work appear as follows:

- 57,451.7 cubic yards of earth excavation.
- 57,002.6 cubic yards of rock excavation.
- 235,138.8 cubic yards of filling.
- 70,050.4 linear feet of new curbstone.
- 247,037.2 square feet of new flagging.
- 7,305.3 cubic yards dry rubble masonry.
- 3,060 cubic yards rubble masonry in mortar.
- 29,750.2 square feet new bridge stone in crosswalks.
- 6,738 linear feet fencing.
- 1,490 linear feet of brick drain.
- 29,118 linear feet of paved gutters.
- 17 receiving-basins.
- 1,400 square yards brick pavement.
- 5,710 square yards of granite-block pavement.
- 2,155 square yards of asphalt pavement.
- 10,275 pounds of iron and steel in place.
- 10 assessment lists were completed.
- 34 preliminary surveys.
- 32 reports on resolutions of the Local Board.

The work of the bureau has received careful attention and the force has been actively engaged throughout the quarter in looking after the work under construction and in making preliminary surveys, with estimates of cost and assessed valuation.

The work on bench marks has progressed with good results.

The draughting department has succeeded in completing all old assessment lists, and we will now be able to forward the lists on completed works shortly after the final payment is made up.

The viaduct and tunnel work has not progressed as rapidly as could be desired, but the contract for the Brook Avenue Beam Tunnel and that for the four bridges over the New York Central and Hudson River Railroad at Walton, Gerard and River avenues, and over the New York and Putnam Railroad at Fort Independence street are practically completed, though the final payments have not yet been prepared.

The contract for the One Hundred and Fifty-third Street Viaduct over the New York and Harlem Railroad Yards has been ordered ahead and the contract for the Melrose avenue Viaduct is now in such shape that it will shortly be ordered on.

The amount certified by me during the quarter on the various contracts in force is \$234,285.92.

Respectfully,

JOSIAH A. BRIGGS, Chief Engineer, Borough of The Bronx.

## DOCUMENT "M."

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS—DEPUTY COMMISSIONER'S OFFICE,  
BOROUGH OF THE BRONX,  
THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET,  
NEW YORK, July 6, 1899.

Hon. JAMES H. MALONEY, Deputy Commissioner of Highways, Borough of The Bronx:

SIR—I have the honor to submit the following report of the transactions of the Maintenance Bureau of the Department of Highways, Borough of The Bronx, for the quarter ending June 30, 1899.

Respectfully,

(Signed) CHARLES H. GRAHAM, General Superintendent of Maintenance.

## SUMMARY OF WORK DONE AND MATERIAL USED IN THE MAINTENANCE AND REPAIRS OF STREETS IN THE BOROUGH OF THE BRONX, DURING THE QUARTER ENDING JUNE 30, 1899.

Macadamized streets—	
New macadam pavement laid, square yards .....	4,583
Remacadamizing, square yards .....	17,201
Resurfacing, square yards .....	13,156
Repairs to old macadam pavement, square yards .....	33,846
Macadam pavement scraped and cleaned, square yards.....	580,551
Paved streets—	
Trap-block pavement repaired, square yards .....	2,631
Granite-block pavement repaired, square yards.....	13,117
Granite-block pavement, on concrete foundation, repaired, square yards .....	451
Trap-block paved gutters repaired, square yards.....	601
Cobble-stone gutters, new, square yards.....	43
Unpaved streets—	
Earth roadways repaired, surfaced and scraped, square yards.....	710,601
Earth roadways, repaired with native stone, square yards .....	10,854
Gutters—	
Gutters formed and cleaned, linear feet.....	921,241
Curbs—	
Curbstones reset, linear feet .....	2,179
Sidewalks—	
Flagged sidewalks relaid and repaired, square feet.....	24,510
Earth sidewalks formed and repaired, square feet.....	279,117
Earth sidewalks surfaced with ashes, square feet.....	60,200
Plank sidewalks laid new, linear feet .....	6,573
Plank sidewalks repaired, linear feet.....	5,883
Crosswalks—	
Bluestone crosswalks relaid and repaired, square feet.....	33,093
Crosswalks cleaned on macadamized and unpaved streets, square feet.....	2,467,385
Retaining-walls—	
Retaining-walls built new, cubic yards .....	89
Retaining-walls rebuilt, cubic yards.....	509
Guard-rails—	
Guard-rails erected along retaining-walls and embankments, linear feet.....	3,536
Guard-rails repaired, linear feet.....	800
Blasting—	
Rock blasted and removed, cubic yards.....	20

## Trees—

Dead and dangerous trees cut and removed.....	47
Trees pruned.....	169

## Weeds, etc.—

Weeds, grass, etc., cut from side of roadways and properly disposed of, loads.....	727
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## Materials Used.

The following-named kinds and quantities of material have been used, handled and properly disposed of as necessitated by the requirements of the work hereinbefore noted:

Earth, cubic yards .....	20,709
Native stone, cubic yards .....	7,860
Broken trap rock, 1½-inch size, cubic yards .....	3,982
*Broken limestone, 1½-inch size, cubic yards .....	874
†Trap-rock screenings, cubic yards.....	651
‡Limestone screenings, cubic yards.....	216
§Sand, cubic yards.....	1,467
Ashes, cubic yards.....	741

## Sprinkling of Main Thoroughfares.

During the quarter the main thoroughfares of the borough have been sprinkled daily, when necessary, up to and including June 30, 1899, to the extent of 90 miles.

## Repairing and Maintaining Bridges.

Bridges replanked—2, representing an area of bridge flooring of 5,011 square feet.  
Bridges repaired—10, representing an area of bridge flooring of 1,610 square feet.  
Bridges cleaned—26. The roadways and sidewalks of these bridges have been swept and cleaned, many of them daily, the area cleaned representing about 98,000 square feet.

## Shop Work.

Carpenter-work, New—	
Carpenter's bench.....	1
Machinist's bench.....	1
Telephone closet.....	1
Map rack .....	1
Tool box.....	1
Sash.....	4
Scale tables.....	2
Casing in waste-pipe .....	1
Barrels for monitors.....	3
Manhole covers for monitors.....	1
Built shed and office for Superintendent of Incumbrances.....	1
Panel .....	1
Map frames.....	2
Stairway .....	1
Carpenter-work, Repairs—	
Yale locks put on.....	2
Drawing-board .....	1
Tables.....	2
Brakes on monitors.....	3
Doors in vault.....	4
File cases .....	5
Uprights for steam rollers.....	2
Derrick.....	1
Wheelwright-work, New—	
Wheels for monitors.....	12
Poles for monitors.....	3
Whiffletrees.....	3
Wheelwright-work, Repairs—	
Carriages.....	8
Wheelbarrows.....	8
Monitors, general repairs to.....	27
Platforms for monitors.....	4
Tenders for steam rollers.....	2
Machinist work, new—	
Valves fitted to monitors.....	28
Machinist work, repairs—	
General repairs to steam rollers, as required .....	6
Blacksmith work, tools pointed and sharpened—	
Picks repointed .....	798
Grub picks sharpened.....	370
Hoes .....	14
Grub axes.....	24
Axes newly handled .....	11
Rakes newly handled.....	3
Harrows repaired.....	1
Horse road roller .....	1
.....	1
Axes sharpened.....	33
Rock wedges sharpened .....	63
Cold chisels .....	21
Paving hammers refaced.....	6
Crow bars repointed.....	24
Drum saws sharpened .....	18
Hand saws sharpened .....	30
Sledge handles inserted.....	6
Painting—	
Monitors.....	31
Truck signs .....	110
Carriages .....	13
Harrows .....	2
Monitor poles.....	10
Whiffletrees .....	24
Filing case.....	1

\*Of this amount about 1,600 cubic yards were left over from season of 1898.

†Of this amount about 300 cubic yards were left over from season of 1898.

‡The broken limestone and lim stone screenings were left over from season of 1898.

§Includes 279 cubic yards of sand purchased.

||Includes 347 cubic yards of ashes purchased.



## MEMORANDUM IN REFERENCE TO STREET MILEAGE.

## Macadam Roads.

The total mileage of macadamized streets in the Borough of The Bronx (revised to date)—  
Miles..... 91.44

In the above amount is included work done by the Maintenance Bureau during the quarter, as follows:  
Roadways macadamized..... Miles. 0.26  
Roadways remacadamized..... " 1.83

## Earth Roads.

The total mileage of earth roadways in the Borough of The Bronx (revised to date)—  
Miles..... 193.70

The total mileage of the two classes of roads as above set forth are approximate only, as the conditions are subject to frequent changes owing to the progress of contract work, both for sewers and for regulating and grading.

For information relative to the various classes of pavement see report of Chief Engineer, Borough of The Bronx.

The time made by the working force of the Maintenance Bureau, Department of Highways, Borough of The Bronx, in the performance of the work hereinbefore noted during the quarter ending June 30, 1899, is as shown in the following tabulation, the time being expressed in days and fractions thereof:

1899.	General Superintendant.	Superintendent 24th Ward.	Clerks.	Timekeepers.	General Inspectors.	Foremen.	Assistant Foremen.	Carpenters.	Machinists.	Engineers of Steam Rollers.	Pavers.	Rammers.	Pruners.	Carriage Painters.	Blacksmiths.	Carts.	Teams.	Laborers.
April....	30	30	210	210	90	850½	459	49½	50	93	60	138	3	8	23½	158	998½	9,539½
May.....	31	31	217	217	93	1,106½	620½	52	34	104½	222½	174½	25½	19	26	235	1,990½	13,675½
June ....	30	30	210	210	90	1,092½	646½	52	52	147	232½	158½	26	22	25½	288½	2,370½	14,318½
Totals..	91	91	637	637	273	3,049½	1,726	153½	136	344½	614½	470½	54½	49	75	681½	5,370½	37,533½

## Broken Stone and Screenings.

A contract was executed by the Commissioner of Highways with the firm of Brown & Fleming on May 9, 1899, for furnishing and delivering to the Department broken stone and screenings of trap rock to be distributed where required in the Borough of The Bronx.

The quantity of broken trap rock stone called for by the contract is 41,700 cubic yards, of which about 4,800 cubic yards have been delivered.

The quantity of trap rock screenings called for by the contract is 8,300 cubic yards, of which about 800 cubic yards have been delivered.

The following statement shows the number and character of permits issued during the quarter ending June 30, 1899, also the amount of money received for same:

## Street Openings.

For sewer connections.....	542
For sewer repairs.....	40
For croton connections.....	455
For croton repairs.....	132
For water connections east of the Bronx river.....	38
For gas mains.....	16
For gas service.....	730
For repairs to mains.....	19
For repairs to service.....	40
For vaults.....	2
For vaults, temporary permits.....	2
To shut off water.....	1
To run electric wire to school.....	1
To lay water-main.....	7
To repair water-main.....	2
To lay surface drain.....	1
To drain water from school.....	1
To repair steam pipe.....	1
To put in fresh air pipe.....	2
To repair hydrant.....	1
To set water trough.....	2
To repair awning.....	1
To relay tracks.....	6
To build pole line.....	3
To rebuild pole line.....	6
To set guy stubs.....	4
To reset guy stubs.....	2
To move pole.....	1
To repair lamp-post.....	1
To lower curb for driveway and pave sidewalk.....	23
To lower curb for box.....	1
To lay cable.....	1
To set curb.....	2
To build manholes for gas regulators.....	3
To replace trolley pole and telegraph pole.....	5
To reset clock.....	1
To clean drain.....	3
	2,098

## Miscellaneous.

To drive across sidewalk.....	147
To lay new sidewalk.....	84
To repair sidewalk.....	11
To repair oven.....	1
To grade sidewalk.....	8
To build area wall.....	43
To build retaining wall.....	9
To remove retaining wall.....	1
To dump earth filling.....	14
	318

Total number of permits issued..... 2,416

Cash received for restoring pavement over sewer connections.....	\$1,743 85
Cash received for restoring pavement over sewer repairs.....	33 48
Cash received for restoring pavement over croton connections.....	296 54
Cash received for restoring pavement over croton repairs.....	226 42
Cash received for restoring pavement over gas openings.....	147 24
Cash received for vaults.....	223 36

Total cash received during the quarter..... \$2,670 89

All of which is respectfully submitted.

(Signed) CHARLES H. GRAHAM, General Superintendent of Maintenance,  
Borough of The Bronx.

## DOCUMENT "N."

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS—BOROUGH OF THE BRONX,  
BUREAU OF INCUMBRANCES,  
THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET,  
NEW YORK, July 10, 1899.

Hon. JAMES H. MALONEY, Deputy Commissioner of Highways, Borough of The Bronx:  
DEAR SIR—I submit herewith the following report of the operations of the Bureau of Incumbrance, Borough of The Bronx, for the quarter ending June 30, 1899:  
Complaints of obstructions received and attended to..... 47  
Seizures and removals made..... 3

## Permits Issued as follows:

To place building material on street.....	314	To retain stoop on present line.....	2
To move frame houses on street.....	9	To set derrick on street.....	2
To build steps.....	16	To store sand on street.....	3
To build fences.....	89	To set gutter bridges (private use).....	2
To place engines on street.....	48	To build shed over sidewalk.....	1
To place ashes on street.....	1	To place house-mover's timbers on street.....	1
To place tar kettle on street.....	1	To plant trees.....	21
To build scoops.....	7	To cut down trees.....	3
To place tool-houses on street.....	9	To trim trees.....	2
To set lamp-posts.....	1		
To block off sidewalk.....	3	Total permits issued.....	536
To terrace off yard.....	1		

Expense of seizing and removing three (3) articles, including about 1,000 cubic yards of sand and other obstructions on street, also throwing in sand on premises at various places:

Laborers' pay-roll.....	\$104 75
Laborers' pay-roll.....	114 12
Laborers' pay-roll.....	4 25
Removing boiler to yard.....	10 00

\$233 12

Total expenses for quarter (for details see Clerk's report)..... \$1,846 48

Received from owners for the redemption of seized articles.....	\$10 00
Received for permit issued for shed over sidewalk.....	5 00

Total cash received..... \$15 00

Respectfully,

THOMAS H. O'NEIL, Superintendent of Incumbrances.

## DOCUMENT "O."

Statement of Moneys received by the Department of Highways, Borough of Brooklyn, during the Months of April, May and June, 1899.

	NUMBER OF CONNECTIONS.	
From plumbers—		
For repaving over water connections.....	450	\$2,566 39
For repaving over sewer connections.....	206	1,172 20
From gas companies—		
For repaving over gas connections.....	12	84 00
Vault permits.....	6	82 20
Coney Island and Brooklyn Railroad Company, restoring and repaving.....		465 04
Nassau Railroad Company, restoring and repaving.....		8 82
Brooklyn City and Newtown Railroad Company, inspection (1896).....		8 00
Peter Cleary, restoring damaged pavement.....		4 54
Standard Oil Company, extra paving (special permit).....		6 00
H. J. Mooney, restoring and repaving (special permit).....		5 00
		\$4,402 19
From plumbers—		
For repaving over water connections.....	527	\$3,095 92
For repaving over sewer connections.....	156	889 66
From gas companies—		
For repaving over gas connections.....	139	584 39
Vault permits.....	4	137 90
Nassau Railroad Company, restoring and repaving.....		34 65
		\$1,742 52
From plumbers—		
For repaving over water connections.....	513	\$2,920 00
For repaving over sewer connections.....	134	807 70
From gas companies—		
For repaving over gas connections.....	111	633 22
Vault permits.....	1	126 10
Edison Electric Illuminating Company, restoring and repaving.....		278 87
New York and New Jersey Telephone Company, restoring and repaving.....		48 00
H. J. Mooney, restoring and repaving (special permit).....		5 00
		\$4,818 89

## RECAPITULATION.

Total receipts for April.....	\$4,402 19
Total receipts for May.....	4,742 52
Total receipts for June.....	4,818 89

Grand total..... \$13,963 60

Respectfully,

J. E. BANNON, Cashier.

## DOCUMENT "P."

CITY OF NEW YORK—BOROUGH OF BROOKLYN,  
DEPARTMENT OF HIGHWAYS,  
July 11, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways, City of New York:

DEAR SIR—In accordance with instructions, I herewith beg to submit report of the transactions of the Department of Highways, Borough of Brooklyn, for the three months ending June 30, 1899.

During the past quarter the following pavements have been laid in this borough:

Asphalt.....	Miles. 1.60
Granite.....	.40
Trap-block.....	.13

Table accompanying report of Engineer herewith submitted shows in detail the location and character of the work.



The following work has been done under the supervision of this Department :

- 111,922 square feet of bluestone flagging laid.
- 288,241 square feet of concrete sidewalks laid.
- 51 driveways across sidewalks laid.
- 585 complaints inspected and reported on.
- 66 notices to repair sidewalks served.
- 216 notices to correct street numbers mailed.
- 1,040 street signs located and ordered.
- In the Bureau of Street Openings, Paving and Repaving, the following work was done :
- 62,187 square yards of pavement was taken up and relaid.
- 5,395 linear feet of curb and gutter were repaired and reset.
- 3,558 square feet of bridging were relaid.
- 581 dangerous holes were made safe and repaired.
- 6,990 cubic yards of sand and dirt were carted and used in filling.
- 1,670 cubic yards of refuse and rubbish were removed from streets.
- In the Bureau of Streets and Roads :
- 5,362 square yards of macadam roadway were repaired.
- 52.34 miles of macadam roadway were cleaned.
- 16.44 miles of dirt roadway were repaired.
- 26.50 miles roadway were cleaned and raked.
- 834 square yards of repairs were made over sewer and water connections.
- 81 dangerous holes were repaired and made safe, including washouts.
- 30 miles of macadam roadway are being sprinkled daily.
- 174 feet of wooden culverts were repaired and trenches dug to and from same.
- In the Bureau of Incumbrances, during the quarter ending June 30, 1899 :
- 612 complaints were received and attended to.
- 3,973 permits were issued.
- 50 dead and dangerous trees were removed from various places.

Amounts of money collected on permits to open streets for paving over openings made by corporations, individuals, for vault permits, inspections, etc., during the past quarter were as follows :

April.....	\$4,402 19
May.....	4,742 52
June.....	4,818 89
Total.....	\$13,963 60

There seems to be very little likelihood of any progress in repaving improvements during the present year, owing to the delay in receiving necessary authority to carry out contemplated work of this nature.

This department has been in receipt of quite a number of petitions for reports and estimates, which have been promptly submitted ; a few of the same have been authorized by the Board of Public Improvements, but, so far as I am aware, have not received the approval of the Municipal Assembly.

Estimates have been prepared and submitted for the following improvements :

	NUMBER OF ESTIMATES.	TOTAL ESTIMATED COST.
Grading and paving with asphalt.....	5	
Grading and paving with granite.....	2	
Grading and paving with macadam.....	4	
Total.....	13	\$77,940 00
Repaving with asphalt.....	80	
Repaving with granite.....	16	
Repaving with brick.....	1	
Total.....	97	1,705,050 00
Flagging and reflagging sidewalks.....	24	
Fencing vacant lots.....	12	
Grading lots.....	6	
Total.....	42	24,885 50

The accompanying table shows in detail the location and character of the work :

Table Showing Work Completed and in Progress During Quarter ending June 30, 1899.

	KIND OF IMPROVEMENT.	TOTAL AMOUNT OF PAVEMENT.	AMOUNT LAID SINCE LAST REPORT.	TOTAL AMOUNT LAID.	TOTAL LENGTH.	LENGTH COMPLETED.	GRADING, CUBIC YARDS COMPLETED.	BELGIAN GUTTER LAID, SQUARE YARDS.	REMARKS.
Avenue B, Flatbush avenue to Ocean Parkway.....	Macadam.....	18.700	.....	.....	4.508	.....	5.000	1.700	In progress.
Brooklyn avenue, Eastern parkway to President street.....	Asphalt.....	2.197	2.197	2.197	.554	.554	.....	.....	Private contract.
Butler street, Albany avenue to Troy avenue.....	Grading and paving asphalt.....	2.713	2.713	2.713	.719	.719	{ Emb., 1.580 } { Ex., .035 }	.....	.....
Butler street, Troy avenue to Schenectady avenue.....	Grading.....	.....	.....	.....	.700	.....	.....	.....	In progress.
Avenue C, Flatbush avenue to Coney Island avenue.....	Macadam.....	14.188	.....	.....	3.432	.....	4.000	.860	"
Clinton avenue and streets in Wallabout Market.....	Granite.....	16.720	12.872	12.872	2.778	2.127	Ex., 11.200	.....	"
Eighty-fourth street, Fourth avenue to Seventh avenue.....	Macadam.....	5.317	.....	.....	2.529	.....	13.000	.....	"
Flatbush avenue and Ocean avenue, intersection.....	Asphalt.....	1.751	1.751	1.751	.391	.391	.....	.....	.....
Fourteenth street, Fourth avenue to Sixth avenue.....	".....	4.948	4.948	4.948	1.840	1.840	.....	.....	.....
Knickerbocker avenue, Palmetto street to Putnam avenue.....	Granite.....	2.952	.....	.....	.785	.....	.....	.....	In progress.
Ocean avenue, Fort Hamilton avenue to Avenue F.....	Macadam.....	37.270	.....	.....	7.207	.....	4.850	.....	"
Pacific street, Schenectady avenue to Utica avenue.....	Asphalt.....	2.759	2.759	2.759	.729	.729	Ex., 5.190	.....	.....
Park place, Brooklyn avenue to Albany avenue.....	".....	7.084	7.084	7.084	1.500	1.500	{ Ex., 1.835 } { Emb., .260 }	.....	.....
Park place, Troy avenue to Schenectady avenue.....	Grading.....	.....	.....	.....	.700	.....	.....	.....	In progress.
President street, Court street to Clinton street.....	Asphalt.....	1.791	1.791	1.791	.543	.543	.....	.....	.....
President street, Brooklyn avenue to Kingston avenue.....	".....	3.549	3.549	3.549	.750	.750	.....	.....	Private contract.
Prospect place, Brooklyn avenue to Kingston avenue.....	".....	2.744	2.744	2.744	.735	.735	{ Emb., 1.084 } { Ex., .192 }	.....	.....
Sixtieth street, Third avenue to Fourth avenue.....	Grading and paving trap-block.....	3.393	3.393	3.393	.703	.703	.....	.....	.....
St. Nicholas avenue, Hart street to Flushing avenue.....	Belgian.....	5.839	.....	.....	1.482	.....	.....	.....	Temporarily suspended.
South Elliott place, Hanson place to Atlantic avenue.....	Asphalt.....	2.616	2.616	2.616	.693	.693	.....	.....	.....
Utica avenue, Twenty-fourth Ward to Thirty-second Ward.....	Grading and macadam.....	5.468	.....	.....	11.177	.....	79.380	.....	In progress.
West Seventeenth street, Canal avenue to Surf avenue.....	Grading.....	.....	.....	.....	2.050	.....	7.600	.....	"

It will be noted that quite a large percentage of the improvements have been made by private contract, in some cases under the superintendence and inspection of this Department, while in other cases, where the streets have not been opened and the work done was on private property, the Department has had no supervision of the work. There seems to be a growing disposition to grade and pave streets by private contract, and while I think this method of doing work should not be encouraged, but that the laying of pavements should be under the full control of the Department of Highways, the property-owners who want improvements have been obliged to resort to this plan on account of their lack of familiarity with the provisions for securing such

All of the contracts made by the former City of Brooklyn for repaving with asphalt have been carried out. One contract remains uncompleted, namely, repaving with granite Court street, from Joralemon street to Atlantic avenue. The work under this contract was delayed on account of the request to substitute asphalt in place of granite blocks. It was decided, however, that the substitution could not be made, and blocks are now being delivered on this street to carry out the contract.

In connection with the above improvements it is the intention of the Brooklyn Heights Railroad Company to lay its tracks on a foundation of Portland cement concrete, dispensing with the usual cross ties.

The paving with granite blocks on Portland cement concrete foundation of Clinton avenue extension, Lemon and Freeman avenues, in the Wallabout Market, grading and macadamizing of Avenue C, from Flatbush to Coney Island avenue, Beverly road, from Flatbush avenue to Ocean parkway, and Ocean avenue, from Hamilton avenue to Avenue F, are the most important improvements now being carried out by this Department.

The present contract for repairing and maintaining asphalt pavements in this borough expires on August 23. Authority to make a new contract has been asked for, but the same has not as yet been granted. It is very important and essential to the welfare of these pavements that a new contract for their maintenance and repair be made at as early a date as possible, in order that they may be kept in the exceptionally good condition they are in at present.

Your attention is called to the fact that many petitions now request that macadam be used in improving streets in this borough. The annual expense connected with the maintenance of these pavements is very costly to the City, and I concur with the recommendation of the Engineer that it would be wise to carefully restrict improvements of this character.

For more detailed information I beg to refer you to the reports of the Engineer, the Superintendent of Bureau of Street Openings, Paving and Repaving, Bureau of Streets and Roads, Bureau of Incumbrances, the summarized report of work done by corporations of the Assistant Engineer and statement of the Cashier.

Respectfully,

THOS. R. FARRELL, Deputy Commissioner of Highways.

DOCUMENT "Q."

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS—ENGINEER'S OFFICE,  
BOROUGH OF BROOKLYN, July 10, 1899.

Hon. THOS. R. FARRELL, Deputy Commissioner of Highways :

SIR—I beg to submit the following report of the engineering work of the Department of Highways in the Borough of Brooklyn for the quarter ending June 30, 1899.

The amount of pavement of different kinds laid during the quarter is as follows :

	LENGTH, MILES.	SQUARE YARDS.
Asphalt.....	1.60	32,152
Granite.....	.40	12,872
Trap block.....	.13	3,393

This made the total mileage of pavement in the borough at the end of the quarter as follows :

	MARCH 31, 1899.	JUNE 30, 1899.
Asphalt.....	65.99	67.59
Granite.....	112.87	113.27
Cobble-stone.....	237.96	237.30
Belgian.....	45.33	45.33
Macadam.....	73.17	73.17
Vitrified brick.....	3.78	3.78
Oblong trap block.....	.....	.13
Unpaved (approximately).....	131.30	140.00
Total.....	670.40	680.57

improvements, and the delays which have occurred in securing the necessary action of the Municipal Assembly on petitions which have been submitted. Yet the routine prescribed by the Charter does not seem so formidable ; it is, in fact, far less so than that provided by the old Brooklyn Charter, according to which it was necessary to lay an assessment in advance and collect one-third of the estimated cost before a contract could be made.

Many petitions for paving have been presented, and reports with detailed estimates have been promptly submitted by this Department.

It has been difficult to make the property-owners understand these delays, some of which



have been inevitable, owing to the confusion resulting from the changed conditions brought about by consolidation. In the case of the Twenty-sixth Ward improvements authorized by chapter 310 of the Laws of 1892, under which assessments were laid under the old City of Brooklyn, and which provided that as soon as one-fifth of the estimated cost had been paid in the work should be commenced, there have been many complaints. Authority has recently been given, however, by the Municipal Assembly for proceeding with all improvements where the necessary one-fifth has been paid in, and it is hoped that they can be carried out before the end of the year.

The tendency is to do private work as cheaply as possible, laying the pavement of which the first cost is least, with the expectation that the City will assume the burden of future maintenance and repaving, though in several cases the improvements were of a substantial character, asphalt pavement having been laid on a concrete foundation, with cement curb and sidewalks, while in one instance water, sewer, and gas connections for each lot were carried to the building line, thus avoiding the necessity of disturbing the pavement.

All of the contracts for repaving with asphalt which were made by the City of Brooklyn have been carried out, but one contract for repaving with granite remains uncompleted, viz., that for Court street, from Joralemon street to Atlantic avenue, work on which has been delayed on account of a request that asphalt be substituted for granite. It was decided that the kind of pavement could not be changed and the blocks are now being delivered. In connection with this work the Brooklyn Heights Railroad Company expects to relay its tracks on a foundation of Portland cement concrete, dispensing with the use of cross ties. This will be the first example of this kind of construction in New York, though it is no longer experimental, having been successfully used in several other cities.

On account of failure to obtain the approval of the Municipal Assembly to the bond issue for repaving streets, little, if any, progress in such work seems probable during the present year. If it is necessary that the Municipal Assembly, after approving of the bond issue, should further pass upon every individual improvement, it will be so late in the year before contracts can be made that it will be imprudent to commence work without running the risk of being caught by severe winter weather, as was the case last year. The streets to be repaved not having been decided upon, it has been impossible for this office to proceed with the preparation of plans and profiles, which will have to be done before bids can be asked.

Repaving was formerly paid for, one-half by the City of Brooklyn and one-half by the abutting property-owners, and those who were willing to pay for an improved pavement were generally able to get it, and many availed themselves of the opportunity.

The change in the law, as a result of which the City pays the entire expense of repaving, has naturally developed an unwillingness to pay any portion of the expense of such work if property-owners on another street are likely to have a new pavement without expense.

It was formerly assumed that property-owners were entitled to have their streets improved with such pavement as they might select, provided they were to pay the entire expense. After a long and expensive experience it was concluded that cobble-stone paving should not be permitted. Many petitions now ask for macadam. This is, of all pavements, the most costly to the City—the annual expense of maintenance, in which sprinkling must be included, being a considerable proportion of its original cost; and it seems reasonable and prudent that improvements calling for the laying of macadam should be carefully restricted, except in undeveloped sections where sewers, water and gas-mains have not yet been laid.

Estimates have been prepared and submitted for the following improvements, viz.:

	NUMBER OF ESTIMATES.	ESTIMATED COST.
<b>Grading and Paving—</b>		
Asphalt.....	5	\$107,900 00
Granite.....	2	10,300 00
Macadam.....	4	46,340 00
Regulating and grading.....	2	13,400 00
Total.....	13	\$177,940 00
<b>Repaving—</b>		
Asphalt.....	80	\$1,349,950 00
Granite.....	16	346,600 00
Brick.....	1	8,500 00
Total.....	97	\$1,705,050 00
Flagging and reflagging sidewalks.....	24	\$14,545 00
Fencing vacant lots.....	12	1,750 00
Grading lots.....	6	8,590 50

The most important improvements now under way are:

The paving of the Clinton avenue extension, Lemon street and Fleeman avenue, in the Wallabout Market, with granite block on a Portland cement concrete foundation, and the grading and macadamizing of Avenue C, from Flatbush avenue to Coney Island avenue; Beverly road, from Flatbush avenue to the Ocean parkway, and Ocean avenue, from Fort Hamilton avenue to Avenue F. The last-named improvement includes the building of concrete curb and gutter, and the laying of concrete sidewalks 8 feet in width on both sides of the street for the entire length of the improvement, which is 7,200 feet. Some sewer-basins had already been built on Ocean avenue, having the prevailing style of granite heads, with a radius of 12 feet, and for these are being substituted concrete heads uniform with the curb and gutter, having a radius of six (6) feet. Several of them have been completed, and in appearance they are vastly superior to the basin-heads in common use.

Assessment lists in connection with a number of grading and paving and repaving contracts have been prepared and forwarded to the Board of Assessors.

The present contract for repairing and maintaining asphalt pavements on which the original guaranty has expired extends only to August 23, and authority has been asked for making a new contract, but has not yet been granted. It is to be hoped that the delays which have usually attended the renewal of these contracts may be avoided this year, and that the asphalt pavements, which are now in exceptionally good condition, may not be allowed to fall into bad repair.

Other miscellaneous work done by or under the supervision of the Department has been:

- 111,922 square feet of bluestone flagging laid.
- 288,241 square feet of concrete sidewalks laid.
- 51 driveways across sidewalks laid.
- 585 complaints inspected and reported on.
- 66 notices to repair sidewalks served.
- 216 notices to correct street numbers mailed.
- 1,040 street signs located and ordered.

The large amount of work done by various corporations under the inspection of this Department is shown by the attached report of Assistant Engineer Fort, under whose supervision it has been done.

The accompanying reports of the Superintendents of Street Openings and of Streets and Roads indicate the work done by day's labor in repaving openings, repairing stone pavements and caring for macadamized and dirt roads.

Respectfully,  
N. P. LEWIS, Engineer of Highways.

#### DOCUMENT "R."

DEPARTMENT OF HIGHWAYS—BOROUGH OF BROOKLYN,  
CITY OF NEW YORK, July 10, 1899.

Mr. N. P. LEWIS, Engineer of Highways, Borough of Brooklyn, N. Y.:

DEAR SIR—In accordance with your instructions, I submit herewith a summary of all work done in this borough by corporations, under permit from this Department, during the quarter ending June 30, 1899, as follows:

Total Number of Openings Made to Repair all Mains Except Water-mains and Sewers, and to Insert Service Connections.

In asphalt pavements.....	162
In granite pavements.....	686
In cobble pavements.....	1,789
In macadam pavements.....	53
In belgian pavements.....	27
In brick pavements.....	8
No pavement.....	972
In sidewalk.....	302

Total number feet gas-main laid by Brooklyn Union Gas Company.....	21,090
Total number feet gas-main removed by the Brooklyn Union Gas Company.....	87,227
Total number square yards cobble-stone pavement relaid in connection with above.....	19,830
Total number square yards belgian pavement relaid in connection with above.....	4,436
Total number square yards granite pavement relaid in connection with above.....	210
Total number square yards macadam pavement relaid in connection with above.....	93
Total number feet gas-main laid by the Flatbush Gas Company.....	10,018
Total number feet gas-main laid by the Kings County Gas and Illuminating Company.....	2,860
Total number feet gas-main laid by Brooklyn Borough Gas Company.....	23,925
Total number feet water-main laid by Flatbush Water Company.....	6,400
Total number feet electrical subway laid.....	43,949
Total number feet electrical duct laid.....	323,268
Total number square yards asphalt pavement relaid in connection with above.....	733
Total number square yards cobble-stone pavement relaid in connection with above.....	1,966
Total number square yards granite pavement relaid in connection with above.....	8,081

#### Work Done by Brooklyn Heights Railroad Company Under Permit from this Department.

Linear feet of double track relaid with girder rail.....	25,325
Linear feet of double track relaid with tee rail.....	40,250
Linear feet of second track laid with tee rail.....	5,700
Linear feet of side-bearing rail laid.....	50,650
Linear feet of tee rail laid.....	86,200
Square yards of granite pavement relaid upon a concrete foundation in connection with above.....	920
Square yards of granite pavement relaid on sand foundation.....	15,007
Square yards of cobble-stone pavement relaid in connection with above.....	25,125
Square yards of asphalt pavement relaid in connection with above.....	118
Square yards of belgian pavement relaid in connection with above.....	18,787

#### Work Done by the Coney Island and Brooklyn Railroad Company under permit from this Department.

Square yards of belgian pavement laid.....	2,567
--	-------

#### Brooklyn Heights Railroad Company.

Woodhull and Richards streets, renew curves.  
Washington avenue and Lemon street, shift pole.  
Washington street, between Sands and York streets, remove track, siding.  
Wyckoff avenue, between Myrtle and Woodbine streets, pave walk.  
Washington avenue and Lemon street, erect pole.  
Washington avenue and Lemon street, remove pole.  
Neck road and Brighton Beach Railroad crossing, lay track.  
Ninth avenue and Twentieth street, new special work.  
Ninth avenue, near Twentieth street, set pole.  
Nostrand avenue, near President street, erect pole.  
Ninth avenue, between Eighth and Ninth streets, renew about 60 feet of rail.  
Nostrand avenue, from Malbone street to Flatbush avenue, relay rail.  
Nassau avenue, from Manhattan to Meeker avenue, relay rail.  
Oakland street, between Box and Driggs avenues, remove poles.  
Ralph avenue, north of Atlantic avenue, take out crossover.  
Rockaway avenue and Fulton street, put in double curve.  
Reid avenue and Marion street, pave walk.  
Rogers avenue and Malbone street, lay curve.  
Sixty-fifth street and Second avenue, erect poles.  
Twentieth street, between Ninth and Tenth avenues, erect poles.  
Sixty-fifth street, between Second and Third avenues, relay rail.  
Third avenue and Bergen street, lay double curve.  
Throop avenue, between Broadway and Gerry street, relay rail.  
Twentieth street, from Ninth avenue to Gravesend avenue, lay track.  
Third and Atlantic avenues, put in double curve.  
Tenth avenue, 38 feet north of Twentieth street, set pole.  
Third avenue, at Sixty-fifth street, connect ground wire.  
Third avenue, at Fifty-second street, connect ground wire.  
Third avenue, at Thirty-ninth street, connect ground wire.  
Union avenue, Broadway to Driggs avenue, relay rail.  
Vanderbilt avenue and Fulton street, put in double curves.  
Vanderbilt and Greene avenues, construct curves.  
Vernon avenue and Clove road, construct curves.  
Flatbush avenue, near Rogers avenue, erect pole.  
Flatbush and Church avenues, put in double curve.  
Flatbush avenue, near Avenue F, erect poles.  
Flatbush avenue, near Avenue F, erect poles.  
Avenue F, near Flatbush avenue, set poles.  
Avenue F, near Flatbush avenue, remove poles.  
Flatbush avenue, at Long Island Railroad crossing, connection.  
Flatbush avenue, south of Malbone street, temporary track.  
Flatbush avenue and Avenue F, put in double curve.  
Fulton street and Utica avenue, construct curves.  
Flatbush and Atlantic avenues, construct curves.  
Flushing avenue, near Knickerbocker avenue, put in crossover.  
Flatbush and Vanderbilt avenues, put in special work.  
Flushing avenue, about 120 feet west of Washington avenue, shift pole.  
Fifteenth street and Ninth avenue, relay track.  
Flatbush avenue and Malbone street, lay curve.  
Flatbush avenue, 225 feet east of Malbone street, erect pole.  
Fifth avenue, at First street, connect ground wire.  
Fulton and Joralemon streets, lay double curve.  
Flatbush and Seventh avenues, put in electric switch.  
Fifth avenue, between Thirty-sixth and Thirty-seventh streets, put in turnout.  
Flushing avenue, east of Waverly avenue, erect poles.  
Fulton and Court streets, repair tracks.  
Gravesend avenue, between Twentieth street and Coney Island avenue, relay track.  
Kingston avenue and Bergen street, put in double curve.  
Kent avenue and Grand street, repair track.  
Nostrand avenue, south of Douglass street, erect poles.  
Nostrand avenue, between President and Carroll streets, replace track.  
New Utrecht avenue and Sea Beach Railroad, put in double curve.  
Atlantic avenue, 40 feet from Court street, replace poles.  
Atlantic avenue, 30 feet west of Third avenue, erect poles.  
Adams street, between Front and Water streets, remove unused tracks.  
Atlantic avenue, Ferry to Flatbush avenue, relay rail.  
Bergen street and Sumner avenue, put in special work.  
Broadway, between Roebling street and Driggs avenue, put in crossover.  
Bergen street, near Troy avenue, shift lamp-post.  
Bergen street, near Troy avenue, set poles.  
Bergen street, 25 feet east of Kingston avenue, erect poles.  
Bergen street and Flatbush avenue, renew short piece of rail.  
Bergen street, at intersection of Brighton Beach Railroad, renew crossing.  
Clason and Flushing avenues, renew special work.  
Columbia and Woodhull streets, renew curves.  
Court street and Atlantic avenue, put in connecting curves.  
Court street, near Atlantic avenue, replace poles.  
Clason and Flushing avenues, cut corner to 15 feet radius.  
Court square and Fulton street, construct slip switches.  
Avenue C and East Sixteenth street, shift pole.  
Court and Fulton streets, bring track to gauge.  
Court square and Fulton street, renew curved rail.  
Church lane and Brighton Beach Railroad, connect ground wire.  
Church avenue and Brighton Beach Railroad, lay double curve.  
Court street, Joralemon to Atlantic avenue, relay rail.  
Church avenue and Gravesend avenue, lay double curve.  
Church avenue and Clove road, lay double curve.  
Douglass street and Nostrand avenue, put in double curve.  
Douglass street and Nostrand avenue, move poles.  
Douglass street and Kingston avenue, put in double curves.

#### Brooklyn Union Gas Company.

Sackman street, Dumont to Livonia avenue, lay main.  
St. Nicholas avenue, Hart street to Flushing avenue, lay main.  
Twenty-sixth street, Third avenue, 200 feet west, lay main.



Tenth street, Third to Eighth avenue, take up main.  
 Thirty-fourth street, Fourth to Fifth avenue, lay main.  
 Thirty-third street, Fourth to Fifth avenue, lay main.  
 Tenth street, Eighth to Ninth avenue, take up main.  
 Thirtieth street, Third to Fourth avenue, lay gas-main.  
 Thirty-third street, Third to Fourth avenue, lay gas-main.  
 Ten Eyck street, Humboldt and Bushwick avenues, take up main.  
 Twenty-third street, Sixth to Seventh avenue, lay main.  
 Thirty-fifth street, Third to Fourth avenue, lay main.  
 Virginia place, between Park and Sterling places, lay main.  
 Willoughby avenue, Washington avenue to 100 feet west of Carlton avenue, take up main.  
 Waverly avenue, Greene avenue to Fulton street, take up main.  
 Wyona street, Sutter avenue, 100 feet north, lay main.  
 Wilson street, Bedford to Division avenue, take up main.  
 Warwick street, Belmont to Blake avenue, lay new main.  
 New Lots road, Miller to Vesta avenue, lay main.  
 New York avenue, Sterling place to Eastern parkway, lay main.  
 Nichols street, Atlantic avenue, 400 feet north, lay main.  
 New Lots road, Milford to Van Suydam street, lay main.  
 Prospect place, Rockaway avenue to Eastern parkway, lay main.  
 Park avenue, Broadway to Nostrand avenue, take up main.  
 President street, Fifth and Seventh avenues, take up main.  
 Park place and Hampton place, connect main.  
 Park place and Virginia place, connect main.  
 Prospect place, Rockaway avenue to Eastern parkway, lay main.  
 Prospect place, Fifth avenue, 335 feet east, take up main.  
 Ralph avenue, between Dean and Bergen streets, lay main.  
 Railroad avenue, Atlantic to Liberty avenue, lay main.  
 Ridgewood avenue, Hale to Norwood avenue, lay main.  
 Ridgewood avenue, Crescent street to Railroad avenue, lay main.  
 Rutledge street, Kent avenue to Broadway, take up main.  
 South Second street, between Driggs avenue and Havemeyer street, take up main.  
 South Fifth street, Bedford avenue to Keap street, take up main.  
 Siegel street, Broadway to Humboldt street, take up main.  
 Second street, Fifth to Sixth avenue, take up main.  
 St. John's place, Fifth to Eighth avenue, take up main.  
 Sterling place, Sixth to Seventh avenue, take up main.  
 South Elliott place, Hanson place to Fulton street, take up main.  
 South Elliott place, Fulton street to DeKalb avenue, take up main.  
 Scholes street, Humboldt to Waterbury street, take up main.  
 Scholes street, Bogart street and Morgan avenue, lay main.  
 Stanhope street, between Myrtle and Hamburg avenues, take up main.  
 Sutter avenue, Linwood to Essex streets, lay main.  
 Harmon street, between Bushwick and Centre, take up main.  
 Harmon street, between Evergreen and Centre, take up main.  
 Hill street, between Crescent street and Railroad avenue, lay main.  
 Humboldt street, Nassau avenue to 500 feet north, take up main.  
 Hamburg avenue, Eldert and Halsey street, lay main.  
 Hamburg avenue, Flushing and Myrtle avenues, take up main.  
 Hooper street, Lee avenue and Broadway, take up main.  
 Hale street, Ridgewood to Force Tube avenue, lay main.  
 Hampton place, Park to Sterling places, lay main.  
 Hunterfly place, Herkimer street and Atlantic avenue, lay main.  
 India street, Franklin to Manhattan avenue, take up main.  
 Jefferson avenue, Broadway to Central avenue, take up main.  
 Jerome street, Dumont avenue and New Lots road, lay main.  
 Johnson avenue, Morgan and Flushing avenues, lay main.  
 Kent street, Franklin street to Manhattan avenue, take up main.  
 Linden street, Broadway to Bushwick avenue, take up main.  
 Logan street, Glenmore and Liberty avenues, lay main.  
 Lincoln street, Glenmore and Liberty avenues, lay main.  
 Lynch street, Broadway and Marcy avenue, take up main.  
 Moore street, Broadway and Humboldt street, take up main.  
 Meserole street, Union avenue and Humboldt street, take up main.  
 Megenta street, Crescent street and Railroad avenue, lay main.  
 Milton street, Franklin street to Manhattan avenue, take up main.  
 Maujer street, Humboldt street and Bushwick avenue, take up main.  
 Melrose street, Hamburg to Central avenue, take up main.  
 Meserole avenue, Humboldt to Waterbury street, take up main.  
 Marcy avenue, Broadway to Myrtle avenue, take up main.  
 Morgan avenue, Scholes to Johnson street, lay new main.  
 Miller avenue, Pitkin avenue, 100 feet north, lay main.  
 Fifty-seventh street, between Fifth and Sixth avenues, lay main.  
 Forty-third street, Fourth to Fifth avenue, lay main.  
 Forty-ninth street, Fifth to Sixth avenue, lay main.  
 Fiftieth street, Second to Sixth avenue, lay main.  
 Fifty-eighth street, Sixth to Seventh avenue, lay main.  
 Forty-ninth street, Second to Third avenue, lay main.  
 Fifth avenue, between Fifty-second and Fifty-third streets, lay main.  
 Forty-first street, between Third and Fourth avenues, lay main.  
 Fort Hamilton avenue, between East Fourth and East Fifth streets, lay main.  
 Flushing avenue, between Johnson avenue and city line, lay main.  
 Fifty-third street, between Second avenue and 400 feet east of Third avenue, take up main.  
 Forty-eighth street, between Second avenue and 400 feet east of Third avenue, lay main.  
 Forty-seventh street, between Second avenue and 400 feet east of Third avenue, lay main.  
 Forty-fifth street, between Third and Fourth avenues, take up main.  
 Forty-sixth street, between Third and Fourth avenues, take up main.  
 Forty-fourth street, Second to Third avenue, lay main.  
 Forty-fifth street, 450 feet east of Fifth avenue, to Sixth avenue, lay main.  
 Forty-second street, Fourth to Fifth avenue, lay main.  
 Graham avenue, between Driggs avenue and Richardson street, take up main.  
 Greene avenue, between Bushwick and Evergreen avenues, take up main.  
 Gates avenue, Bushwick to Central avenue, take up main.  
 Glen street, Crescent street and Railroad avenue, lay main.  
 Glenmore avenue, Lincoln and Sheridan streets, lay main.  
 Garfield place, between Fifth and Seventh avenues, take up main.  
 Grant avenue, Glenmore avenue, south 350 feet, lay main.  
 Grant avenue, McKinley avenue, south 500 feet, lay main.  
 Adelpia street, between Fulton street and Myrtle avenue, take up main.  
 Adelpia street, between Fulton street and 250 feet south, take up main.  
 Bradford street, Belmont to Sutter avenue, lay gas-main.  
 Bushwick avenue, Grand to Myrtle avenue, take up main.  
 Bristol street, East New York to Dumont avenue, lay gas-main.  
 Cornelia street, Bushwick and Evergreen avenues, take up main.  
 Central avenue, Gates to Myrtle avenue, take up main.  
 Clermont avenue, Myrtle avenue to Fulton street, take up main.  
 Crystal street, Glenmore to Liberty avenue, lay main.  
 Crescent street, Glenmore to Pitkin avenue, lay main.  
 Carroll street, Fifth and Eighth avenues, take up main.  
 Degraw street, Nostrand and New York avenues, lay main.  
 Dupont street, Manhattan and Franklin avenues, take up main.  
 Driggs avenue, South Third street to Broadway, take up main.  
 Driggs avenue, Manhattan avenue to 100 feet east of Russell street, take up main.  
 Debevoise street, Broadway to Graham avenue, take up main.  
 Dean street, Rockaway road to Hopkinson avenue, lay mains.  
 Degraw street, Smith to Hoyt street, take up main.  
 Douglass street, 430 feet east of Nostrand, to New York avenue, lay main.  
 DeKalb avenue, Washington avenue to Raymond street, take up main.  
 East Fourth street, Greenwood and Fort Hamilton avenues, lay main.  
 Evergreen avenue, Cornelia to Jefferson street, take up main.  
 East Fifth street, Greenwood and Fort Hamilton avenues, lay main.  
 Eighth avenue, between Ninth and Eleventh streets, take up main.  
 East Fifth street, between Fort Hamilton avenue and 400 feet south, lay main.  
 Eleventh street, Third avenue to Prospect Park, West, take up main.  
 Essex street, Glenmore to Pitkin avenue, lay main.  
 Essex street, Sutter avenue to New Lots road, lay main.

#### Coney Island and Brooklyn Railroad Company.

High and Washington streets, renew frog.  
 Ocean avenue, Flatbush and Fort Hamilton avenues, relay track.  
 Sea Breeze avenue, 500 feet east of Ocean parkway, connect track.

West Fifth street, Neptune and Sea Breeze avenues, pave track.  
 Washington street, between Concord and Tillary streets, renew rail.  
 Myrtle avenue, between South Ninth and South Tenth streets, renew crossover.

#### Long Island Railroad Company.

Atlantic and Washington avenues, repair crossing.  
 Atlantic avenue and Fort Greene place, repair siding.  
 Atlantic and Euclid avenues, erect new gates.  
 Atlantic and Railroad avenues, erect new gates.  
 Atlantic avenue and Logan street, erect new gates.  
 Atlantic and Norwood avenue, erect new gates.  
 Atlantic avenue and Fort Greene place, repair plank crossing.  
 Atlantic and Brooklyn avenues, plank between tracks.  
 Atlantic and Rockaway avenues, repair signals.  
 Atlantic and Franklin avenues, lay planking.  
 Gravesend avenue, between Church and Fort Hamilton avenues, temporary track.  
 Morgan avenue, Bushwick branch, repair crossing.  
 Nostrand and Atlantic avenues, lay planking.  
 Vanderbilt and Atlantic avenues, repair signals.

#### Edison Electric Illuminating Company.

Classon avenue, Classon to Rodney, lay tubing.  
 West Fifth street, near Neptune avenue, lay tubing.  
 Ocean parkway and Kings Highway, lay tubing.  
 St. Mark's avenue, 235 feet west of Classon avenue, lay tubing.

#### New York and New Jersey Telephone Company.

Broadway, Myrtle avenue to Linden street, build subway.  
 Cropsey avenue, Bay Seventeenth street and Eighteenth avenue, build subway.  
 Cropsey avenue, Bay Seventeenth street and Eighteenth avenue, construct manhole.  
 Clarkson street, Flatbush avenue, 125 feet east, construct subway.  
 Gaton avenue, Flatbush avenue to Irving place, construct subway.  
 DeKalb avenue, Vanderbilt and Grant avenues, construct subway.  
 Fulton street, Greene and Bedford avenues, lay tubing.  
 Flatbush avenue, Caton avenue and Avenue C, construct subway.  
 Fulton street, Throop to Lewis avenue, construct subway.  
 Halsey street, Throop to Ralph avenues, construct subway.  
 Hicks street, Montague and Remsen streets, connect subway.  
 Himrod street, Bushwick to Myrtle avenues, construct subway.  
 Lafayette avenue, Bushwick avenue to Broadway, construct subway.  
 Love's lane, Hicks to College place, construct subway.  
 Montague and Clinton streets, connect manhole with building.  
 Myrtle avenue and Lawrence street, construct subway.  
 Ralph avenue, Halsey street to Broadway, construct subway.  
 Seventh avenue and Lincoln place, construct subway.

#### Brooklyn Borough Gas Company.

East Twenty-sixth street, Voorhies avenue and 500 feet south, lay gas main.  
 East Twenty-seventh street, Voorhies avenue and 1,000 feet south, lay gas main.  
 Kings Highway, Ocean avenue to Van Siclen street, lay gas main.  
 Kings Highway and Van Siclen street, lay gas main.  
 Kings Highway and Ocean avenue, lay gas main.  
 Neck road, Van Siclen street to Ocean parkway, lay gas main.  
 Ocean avenue, Emmons avenue to Kings Highway, lay gas main.  
 Ocean avenue, Avenue H to Kings Highway, lay gas main.  
 Stillwell avenue, Surf avenue, 200 feet north, lay gas main.  
 Shell road, Eighty-sixth street to West Eighth street, lay gas main.  
 Avenue U, Ocean avenue to Eighty-sixth street, lay gas main.  
 Voorhies avenue, East Twenty-fifth street to East Twenty-seventh street, lay gas main.  
 Van Siclen street, Kings Highway to West Eighth street, lay gas main.  
 Voorhies and Ocean avenues, lay gas main.  
 West Twenty-fifth street, Surf avenue, 200 feet south, lay gas main.  
 West First street, Sea Breeze avenue, 500 feet north, lay gas main.  
 West Eighth street, Van Siclen street, to Sheepshead Bay road, lay gas main.  
 West First street, Surf avenue, 1,000 feet north, lay gas main.

#### Flatbush Gas Company.

Avenue C, lay gas main.  
 Coney Island avenue, Avenues C and D, lay gas main.  
 East Seventh street, between Avenues C and E, lay gas main.  
 East Eighth street, between Avenues D and E, lay gas main.  
 East Ninth street, between Avenues D and E, lay gas main.  
 East Twelfth street, between Slocum place and Avenue C, lay gas main.  
 East Ninth street, between Avenues B and C, lay gas main.  
 East Eleventh street, between Beverly road and 500 feet south, lay gas main.  
 East Eleventh street, between Matthews and Slocum places, lay gas main.  
 East Thirty-ninth street, between Avenue J and Hubbard place, lay gas main.  
 Hubbard place, Flatbush avenue to East Fortieth street, lay gas main.  
 Avenue I, Flatbush avenue to East Fortieth street, lay gas main.  
 Avenue J, Flatbush avenue to East Fortieth street, lay gas main.  
 Avenue K, Flatbush avenue to Fortieth street, lay gas main.  
 Lenox road, Thirty-fourth street to Brooklyn avenue, lay gas main.

#### Kings County Gas Company.

Forty-eighth street, between Fifteenth and Sixteenth avenues, lay main.  
 Forty-sixth street, between Fifteenth and Sixteenth avenues, lay main.  
 Fifty-first street, between Fifteenth and Sixteenth avenues, lay main.  
 Fiftieth street, between Fifteenth and Sixteenth avenues, lay main.  
 Fifty-second street, between Fifteenth and Sixteenth avenues, lay main.  
 Fifty-third street, between Fifteenth and Sixteenth avenues, lay main.  
 Seventy-sixth street, Second to Third avenue, take up main.  
 Sixty-fourth street, Twelfth and Thirteenth avenues, take up main.  
 Sixty-eighth street, Fort Hamilton avenue to Tenth avenue, take up main.  
 Stillwell avenue, between Eighty-sixth street and Twenty-sixth avenue, lay main.  
 Tenth avenue, Bay Ridge avenue and Sixty-eighth street, lay main.  
 Wakeman place, between Second and Third avenues, lay main.

#### Miscellaneous.

Worthington, Bowen street, Van Brunt street to East river, lay tracks.  
 Kings County Electric Light and Power Company, Fulton street, between Court square and Flatbush avenue, repairs to pavement.  
 Prospect Park and Coney Island Railroad, Gravesend avenue, from Tenth avenue to Avenue X, erect poles.  
 Commercial Cable Company, Ocean avenue, Avenue C to Avenue D, open test hole.  
 Commercial Cable Company, Ocean avenue, Avenue I to Avenue L, open test hole.  
 Thomas Monahan, Sixty-fourth street, between New Utrecht and Twelfth avenues, lay private water-mains.  
 Worthington, Seabring street, between Richards and Van Brunt streets, lay tracks.  
 Sea Beach Railroad Terminal Company, Third avenue and Thirty-eighth street, repair gates.  
 New connecting curves have been laid by the Brooklyn Heights Railroad Company during the last quarter at ten different crossings, and granite pavement has been laid with a Portland cement concrete foundation, covering the greater part of the street intersections. This work has been well done and forms a noteworthy improvement, furnishing a substantial pavement that can be maintained in good order among a tangle of tracks.  
 Several thousand feet of water main have been laid in unopened streets and upon private property by private water companies, of which no account has been taken in the above summary.

Yours respectfully,

E. J. FORT, Assistant Engineer.

#### DOCUMENT "S."

DEPARTMENT OF HIGHWAYS—BOROUGH OF BROOKLYN,  
 BUREAU OF STREET OPENINGS, PAVING AND REPAVING,  
 July 1, 1899.

Mr. N. P. LEWIS, Engineer of Highways, Borough of Brooklyn:

DEAR SIR—Herewith I submit a summary of work done in the Bureau of Street Openings, Paving and Repaving, in conjunction with the opening of street pavements by plumbers and individuals during the quarter ending June 30, 1899.



The force employed on repairs to street pavements averages as follows :

1899.	MECHANICS.	LABORERS.	HORSES AND WAGONS.	HORSES AND CARTS.	TEAMS.
April.....	37	62	16	4	2
May.....	44	80	16	11	6
June.....	44	84	16	15	7

The work done by this force consisted of taking up and relaying 62,187 square yards of pavement, to wit:  
48,906 square yards cobble pavement.  
7,073 " granite pavement.  
6,150 " belgian pavement.  
58 " brick pavement.  
5,395 linear feet of curb and gutter were repaired and reset.  
3,558 square feet of bridging were relaid.  
581 dangerous holes were made safe and repaired, requiring 1,210 cubic yards of filling.  
6,990 cubic yards of sand and dirt were carted, and used for filling.  
1,670 cubic yards of refuse, sand and rubbish were removed from streets to dump.  
Besides the above, a large number of complaints were examined into and reports made thereon.  
The cost of tools and of repairing same was \$350.

Number of Connections Received.

1899.	WATER AND SEWER.	GAS.	ELECTRIC.	MISCELLA- NEOUS.
April.....	820	895	82	167
May.....	941	886	81	123
June.....	823	920	76	125
Total.....	2,584	2,701	239	415

Water and Sewer Connections Repaired.

April, 1899.....	694
May, 1899.....	766
June, 1899.....	752
Total.....	2,212

Complaints Received and Repaired.

1899.	TOTAL NUMBER OF COMPLAINTS.	NUMBER OF COMPLAINTS REPAIRED.
April, May, June.....		
Citizens.....	191	166
Police.....	164	149
Street Department.....	136	108

Respectfully,  
JOSEPH H. MAHON,  
Superintendent of Street Openings, Paving and Repaving.

DOCUMENT "T."

DEPARTMENT OF HIGHWAYS—BOROUGH OF BROOKLYN,  
BUREAU OF STREETS AND ROADS,  
July 1, 1899.

Mr. N. P. LEWIS, *Engineer of Highways, Borough of Brooklyn:*

DEAR SIR—The following is a summary of work done in the Bureau of Streets and Roads during the quarter ending June 30, 1899:

Macadam roadway repaired, square yards.....	5,362
Macadam roadway cleaned, miles.....	52.34
Dirt roadway repaired, miles.....	16.44
Dirt roadway cleaned and raked over, miles.....	26.50
Gutters made and cleaned, miles.....	153.70
Dirt hauled and used for filling, cubic yards.....	14,200
Rubbish removed from gutters and roadways, cubic yards.....	11,306
Broken stone and screening used, cubic yards.....	284
Gravel hauled and spread on roadway, cubic yards.....	309
Sprinkling, hours.....	4,680

834 square yards of repairs were made on 139 sewer and water connections in macadam roadways.

12 cesspools were dug and filled in with 52 cubic yards of stone.

81 dangerous holes and washouts were repaired and made safe, requiring 610 cubic yards of earth filling.

All earth filling used has been secured without cost to the Department.

30 miles of macadam roadways are being sprinkled daily.

Small gangs have been working continuously since May 1, cleaning roadway and gutters of the following macadam streets:

Fourth avenue, from Sixtieth street to Ninety-fifth street.  
Second avenue, from Sixty-seventh street to Ninety-second street.  
Eighteenth avenue, from Cropsey avenue to Gravesend avenue.  
Franklin avenue, from Gravesend avenue to Ocean parkway.  
Eighty-sixth street, from Fifth avenue to Shore road.  
Seventy-third street, from Third avenue to Narrows avenue.  
Cropsey avenue, from Bay Eleventh street to Harway avenue.  
Harway avenue, from Cropsey avenue to Bridge.  
Emmons avenue, from Ocean parkway to Hog Point creek.  
Neptune avenue, from Ocean parkway to West Sixth street.  
Bedford avenue, from Sterling place to Eastern parkway.  
Wooden culverts were repaired on—

	Feet.
East Seventh street, intersection Fort Hamilton avenue.....	12
Nostrand avenue, corner Lefferts avenue.....	28
Watkins street, north of Newport avenue.....	36
Watkins street, northeast corner Livonia avenue.....	50
Livonia avenue, east of Watkins avenue.....	36

—and trenches dug to and from same.

A number of complaints have been received and examined into and proper attention given to same.

Respectfully,  
PHILIP BRADY, Superintendent of Streets and Roads.

DOCUMENT "U."

CITY OF NEW YORK—BOROUGH OF BROOKLYN,  
DEPARTMENT OF HIGHWAYS, BUREAU OF INCUMBRANCES,  
July 1, 1899.

Hon. THOMAS R. FARRELL, *Deputy Commissioner of Highways, Borough of Brooklyn, City of New York:*

DEAR SIR—Herewith I submit report of the operations of this bureau for the quarter ending June 30, 1899, including the months of April, May and June, as follows:  
612 complaints received and attended to.  
357 building material permits issued.

308 permits issued to cross sidewalks.  
272 permits issued to cut down trees.  
3,036 miscellaneous permits issued.

Expenditures.

Removing loads of dirt, stones, rubbish, etc., and fifty (50) dead and dangerous trees at various places.....	\$787 00
Unredeemed articles on hand.....	7

Respectfully submitted,

WM. H. McLAUGHLIN, Superintendent, Bureau of Incumbrances.

DOCUMENT "V."

DEPARTMENT OF HIGHWAYS—DEPUTY COMMISSIONER'S OFFICE,  
BOROUGH BUILDING, BOROUGH OF QUEENS,  
NEW YORK, August 1, 1899.

Hon. JAMES P. KEATING, *Commissioner of Highways, Borough of Manhattan:*

DEAR SIR—In accordance with instructions received from you, I have the honor to transmit the following report of the transactions of the Department of Highways, Borough of Queens, for the quarter ending June 30, 1899:

Total mileage of each kind of pavement in the Borough of Queens, together with an estimate of the number of miles of improved streets on June 30, 1899:

	Miles.
With specification granite.....	27.48
With belgian trap.....	6.43
With sheet asphalt.....	3.00
With vitrified brick.....	14.30
With cobble-stone.....	.30
With macadam.....	373.61
With Peekskill gravel.....	13.68
Total miles of paved streets.....	438.80
Estimated number of miles of unpaved streets.....	283.25
Total miles of streets in the borough.....	722.05

Summary of Work Done by Maintenance Department for the Quarter ending June 30, 1899.

Paved streets—	
Granite-block pavement repaired, square yards.....	4,219
Trap-rock pavement repaired, square yards.....	3,037
Cobble pavement, square yards.....	514
Macadamized streets—	
Streets and roads repaired, square yards.....	17,373
Streets and roads scraped and cleaned, square yards.....	1,080.120
Dirt wings honed, square yards.....	453.93
Screenings used, loads.....	146
Broken stone, loads.....	3,090
Repairing and crowning dirt roads and streets—	
Roads and streets crowned and repaired, square yards.....	80,115
Sand, gravel and dirt used, loads.....	27,003
Grading unpaved streets—	
Roads and streets graded, square yards.....	17,091
Dirt and gravel hauled away, square yards.....	13,781
Sanding macadam roads and streets—	
Roads and streets sanded, square yards.....	1,402.567
Sand used, loads.....	14,562
Worn-out material hauled away, loads.....	11,716
Miscellaneous—	
Linear feet of curb reset.....	917
Square yards of flagstones relaid.....	2,146
Linear feet of crosswalks relaid.....	802
Linear feet of gutters cleaned.....	387,052
Square yards of cobble gutters repaved.....	697
Linear feet of rail fence built on roadside as protection to vehicles.....	8,436
Chestnut rails used.....	302
Chestnut posts used.....	100
Loads of curb hauled to corporation yard.....	23
Loads of trap-rock pavement removed from bicycle strips to yard.....	629

The number and various kinds of permits issued by this Department during the quarter ending June 30, 1899, have been as follows:

To open streets to tap water pipes.....	143
To open streets to repair water connections.....	98
To open streets to make sewer connections.....	87
To open streets to repair sewer connections.....	37
To place building material on streets.....	38
Special permits.....	297
To cross sidewalks.....	41
Total number of permits.....	741

As stated in our last quarterly report the past winter has been a particularly severe one upon the many miles of roads in this borough, and the principal work of the force of this Department has been to repair and put them in proper condition for the summer season. In connection therewith, bids were advertised for and contracts awarded to the following firms to furnish necessary material, as follows:

	Cubic Yards.
Brown & Fleming, Peekskill gravel.....	1,875
" trap-rock broken stone.....	3,750
" screenings.....	3,875
Dewitt C. Bouker, Jr., sand.....	10,875

The above material has nearly all been delivered at this time throughout the various wards of the borough, and many badly needed repairs are now under way.

I inclose you herewith a detailed statement of the appropriations allowed this Department for the year 1899, together with a report showing the expenditures and balances on hand for the quarter ending June 30, 1899. Also a report of the Engineer giving a detailed statement of work done in the Engineering Department during the same period.

All of which is respectfully submitted.

Yours respectfully,

JOHN P. MADDEN,  
Deputy Commissioner of Highways, Borough of Queens.

DOCUMENT "W."

DEPARTMENT OF HIGHWAYS—DEPUTY COMMISSIONER'S OFFICE,  
BOROUGH BUILDING, BOROUGH OF QUEENS,  
NEW YORK, August 12, 1899.

Hon. JOHN P. MADDEN, *Deputy Commissioner of Highways, Borough of Queens:*

DEAR SIR—In accordance with the provisions of the Greater New York Charter, I hereby submit the following report of the engineering work of the Department of Highways, Borough of Queens, for the quarter ending June 30, 1899.

The engineering work principally consisted during this period of resuming work on the unfinished contracts for various road improvements as contracted for prior to consolidation by the various villages and towns, to wit:

Street improvements for the villages of Bayside and Douglaston.  
Road improvements for the Town of Newtown.  
Street improvements for the Village of College Point.



Beside the above-mentioned contracts, a contract was entered into by this Department with T. H. Boorman for asphalt bicycle strips to be laid on Borden avenue, from Thirty-fourth Street Ferry to Jackson avenue, along Jackson avenue to Thomson avenue, and along Thomson avenue to the old Long Island City line. This contract was started on June 1, 1899, and up to date the contractor has laid 2,429 square yards of completed asphalt pavement.

Permit me to state right here that these asphalt strips meet a long-felt want by the bicycle-riding public, and will be highly appreciated by the thousands of riders from the boroughs of Brooklyn, Manhattan and Queens. To make this improvement complete, so that the macadamized roads outside of Long Island City can be reached, I would recommend that you urge the Board of Estimate and Apportionment to allow a sufficient sum of money for the year 1900 that will enable this Department to construct bicycle strips from Ninety-second Street Ferry, Astoria, through Fulton avenue, Boulevard, Broadway and Newtown road to Jackson avenue, and thence along Jackson avenue to connect with the present bicycle strip at Thomson avenue.

The street improvements in the villages of Bayside and Douglaston have been completed and final estimates given for same, amounting to \$47,966.90.

The road improvements in the Town of Newtown have been carried on on all the roads which were left unfinished prior to consolidation, of which Featherbed lane (granite-block pavement), Trainsmeadow road, Fifth street, Woodside, North Hempstead Plank road (macadam pavement), have been entirely finished during this quarter, and final estimates issued amounting, in total, to \$13,213.70.

Fiske avenue and Wyckoff avenue (granite-block pavements) and Grand street (macadam) are still unfinished, but are being rapidly completed. The balance of the roads and streets, eleven in number, as contracted for previous to consolidation, have not yet been commenced, owing to the fact that the estimates for the probable costs of such improvements would leave a deficit of \$30,497.47.

Under date of April 25, 1899, I submitted a report to you stating all these facts, and in which I showed that if the contemplated improvements of nine of said streets could be changed from granite-block pavements to macadam pavement, the balance of the money in the hands of the Comptroller would be sufficient to do and complete all the streets and roads as originally desired by the people of Newtown and voted for by them in the spring election of 1897. A report of this matter has been submitted to the Corporation Counsel for an opinion as to the powers of the Commissioner of Highways to make the change from granite-block to macadam pavement.

Pending his advice, no further work can be performed on these eleven streets.

In reference to the street improvements in the Village of College Point, I beg to report that, under date of December 24, 1898, this Department received information from Commissioner Keating that the Comptroller had registered the contract of Thomas F. Tuohy & Co., for improving streets in College Point, and that the contract was recognized as a valid one. This contract embraces a number of streets to be resurfaced, some to be macadamized, some to be paved with belgian-block pavements and \$2,500 to be expended for park improvements. Up to date the contractor has performed work to the amount of 18,059 square yards of resurfacing, 21,760 square yards of new macadam pavement and 2,859.33 square yards of belgian-block pavement. The whole contract will be finished by the middle of September.

In conjunction with the bicycle strips now under progress on Thomson avenue, this Department is having the centre of the roadbed, which has been an old macadam road, reconstructed and resurfaced.

The difficulty under which this Department is laboring is the insufficiency of the moneys appropriated by the Board of Estimate and Apportionment this year to provide the necessary materials to complete such improvements.

The present quantities of broken stone and other materials on hand are hardly enough to resurface one-half of this avenue.

In connection with this matter, I would suggest that you communicate with Commissioner Keating and endeavor to get permission to hire a steam stone-crusher monthly (which could be obtained at a reasonable figure), for the purpose of crushing macadam stone to finish Thomson avenue, as well as many other old macadam streets in this borough, such as Franklin street, Flushing avenue and the Shore road. There are large quantities of stone available for this purpose close to the work and which could be obtained free of cost to the Department.

The repairs could then be made at slight cost and to the great satisfaction of our people. All of which is respectfully submitted by

JULIUS VON HUNERBEIN,  
Engineer, Department of Highways, Borough of Queens.

#### DOCUMENT "X."

DEPARTMENT OF HIGHWAYS—DEPUTY COMMISSIONER'S OFFICE,  
BOROUGH BUILDING, BOROUGH OF QUEENS,  
NEW YORK, July 15, 1899.

Hon. JOHN P. MADDEN, Deputy Commissioner of Highways, Borough of Queens:

DEAR SIR—In accordance with instructions received by you from the Commissioner of Highways, I have the honor to submit the following report of expenditures for the second quarter of the year 1899, ending June 30, 1899:

Summary of Expenditures for Second Quarter of Year 1899, ending June 30, Being Amount of Vouchers, etc., Transmitted to the Comptroller on Account of the Appropriation for the Year 1899:

Salaries.....	\$2,637 50
Labor, maintenance and supplies.....	62,287 39
Maintenance of viaducts and bridges.....	463 33
Total amount of expenditures.....	\$65,388 22

#### Detailed Statement of Expenditures.

For which vouchers, etc., were issued and transmitted to the Comptroller for payment, by the Deputy Commissioner of Highways, Borough of Queens, during the second quarter of the year 1899, ending June 30.

Salaries of Deputy Commissioner, Chief Clerk, Bookkeepers, etc.....	\$2,637 50
Labor, Maintenance and Supplies—	
Weekly pay-rolls, Laborers, Foremen, teams, etc.....	\$51,449 64
Monthly pay-rolls, Engineers, Inspectors, etc.....	2,275 02
Car-fares, hack-hire, postage, stationery, etc.....	457 98
Sharpening and repairing tools.....	208 04
Use and care of horse, wagons, harness, etc.....	650 00
Lumber.....	61 78
Coal and wood.....	20 70
Supplies for Engineering Department.....	874 50
Hardware, oil, waste, shovels, picks, etc.....	624 90
Repairs to steam roller.....	90 00
Supplies for steam roller.....	128 00
Sand.....	4,842 50
Horseshoeing.....	12 50
Rubber stamps.....	20 30
Maps.....	10 00
Rent of telephone, first quarter.....	117 48
Time books.....	25 00
Rental of two road machines.....	63 75
Use of tugs, scows and derrick, etc.....	345 40
Plumbing, Corporation Yard.....	9 90
	62,287 39
Maintenance of Viaducts and Bridges—	
Weekly pay-rolls of Laborers, etc.....	\$54 75
Monthly pay-rolls of Inspector.....	300 00
Lumber.....	8 58
Repairs to Thomson Avenue Bridge.....	100 00
	463 33
Total.....	\$65,388 22

Balances remaining to the credit of the following appropriations for the year 1899, at the ending of the second quarter of the said year on June 30, are as follows:

Salaries.....	\$5,125 00
Labor, Maintenance and Supplies.....	86,612 96
Maintenance of Viaducts and Bridges.....	8,911 43
Total amount of balances.....	\$100,649 39

Statement showing the Amount of Vouchers, Engineer's Certificates, etc., transmitted by the Department of Highways, Borough of Queens, to the Comptroller for Payment since the Commencement of Work on the following Bond Issues to and inclusive of the Second Quarter of the Year 1899, ending June 30:

Town of Newtown Road Improvement Fund (chapter 686, section 69, Laws of 1892)—	
Engineer's certificates.....	\$64,553 01
Pay-rolls, Engineering Corps.....	2,296 08
Pay-rolls, Inspectors.....	1,911 00
Total.....	\$68,760 09
Village of Jamaica Street Improvement Fund (chapter 597, section 1, Laws of 1897)—	
Engineer's certificates.....	\$5,355 36
Pay-rolls, Engineering Corps.....	470 02
Pay-rolls, Inspectors.....	380 47
Total.....	\$6,205 85
Village of Flushing Street Opening and Improvement Fund (chapter 504, Laws of 1887, amended by chapter 371, Laws of 1890)—	
Engineer's certificates.....	\$23,471 93
Villages of Bayside and Douglaston Street Improvement Fund (chapter 686, sections 69 and 70, Laws of 1892)—	
Engineer's certificates.....	\$19,724 68
Pay-rolls, Engineering Corps.....	251 94
Pay-rolls, Inspectors.....	166 66
Total.....	\$20,143 28
Village of Richmond Hill Sidewalk Improvement Fund (title 4, chapter 291, section 4, Laws of 1870)—	
Engineer's certificates.....	\$5,817 84
Pay-rolls, Engineering Corps.....	710 82
Pay-rolls, Inspectors.....	166 67
Total.....	\$6,695 33
College Point Street Improvement Fund (chapter 504, Laws of 1887, amended by chapter 371, Laws of 1890)—	
Engineer's certificates.....	\$15,114 34
Pay-rolls, Engineering Corps.....	682 67
Pay-rolls, Inspectors.....	598 50
Total.....	\$16,395 51
Village of Rockaway Beach Street Improvement Fund—	
Engineer's certificates.....	\$4,554 70
Village of Arverne-by-the-Sea Street Improvement Fund—	
Engineer's certificates.....	\$18,989 04
Laying asphalt strips from Thirty-fourth and Ninety-second Street Ferries (chapter 378, Laws of 1897)—	
Pay-rolls, Inspectors.....	\$176 17

Respectfully submitted,

WILLIAM J. MURRAY, Accountant.

#### DOCUMENT "Y."

OFFICE OF THE DEPUTY COMMISSIONER AND CHIEF ENGINEER OF HIGHWAYS  
OF THE CITY OF NEW YORK FOR THE BOROUGH OF RICHMOND,  
NEW BRIGHTON, S. I., June 30, 1899.

Hon. JAMES P. KEATING, Commissioner of Highways, No. 21 Park Row, New York City:

DEAR SIR—As required by departmental regulations, I herewith respectfully submit a report of the transactions of the Department of Highways, Borough of Richmond, for the quarter ending June 30, 1899.

Statement of Expenditure against Richmond County, Northfield, Westfield, Middletown, Southfield, Southfield Boulevard, and Village of Tottenville Road Bond Accounts, for the Quarter ending June 30, 1899.

Richmond County—	
Payments on contracts.....	\$23,212 65
Pay-rolls—Salaries.....	1,279 29
Pay-rolls—Inspectors.....	1,656 27
Expense accounts.....	90 28
Bills.....	92 45
Pay-rolls—Laborers.....	171 50
Northfield—	
Payments on contracts.....	\$1,824 09
Pay-rolls—Salaries.....	12 51
Pay-rolls—Inspectors.....	169 40
Expense accounts.....	5 50
Westfield—	
Payments on contracts.....	\$7,295 45
Pay-rolls—Salaries.....	287 45
Pay-rolls—Inspectors.....	381 85
Expense accounts.....	8 55
Middletown—	
Payments on contracts.....	\$20,513 20
Pay-rolls—Salaries.....	374 44
Pay-rolls—Inspectors.....	513 10
Expense accounts.....	3 50
Southfield—	
Payments on contracts.....	\$11,250 17
Pay-rolls—Salaries.....	796 37
Pay-rolls—Inspectors.....	668 50
Expense accounts.....	78 95
Bills.....	250 23
Southfield Boulevard—	
Payments on contracts.....	\$13,305 60
Pay-roll—Salaries.....	530 51
Pay-rolls—Inspectors.....	207 55
Expense accounts.....	3 35
Bills.....	4 55



Trial Balance and Statement as per Ledger, Department of Highways, Borough of Richmond, for the Quarter ending June 30, 1899.

TITLE OF APPROPRIATION.	SALARIES, INCLUDING ONE THIRD SALARY OF DEPUTY COMMISSIONER.	LABOR, MAINTENANCE AND SUPPLIES.
Appropriation for 1899 .....	\$17,836 67	\$90,000 00
Total amount of vouchers certified to Comptroller to date .....	8,266 53	24,299 90
Balance of appropriation, month ending June 30, 1899 .....	9,620 14	65,700 10
Amount of appropriation to date .....	8,943 33	45,000 00
One-twelfth of appropriation .....	1,490 55	7,500 00
Vouchers certified to Comptroller during current month .....	1,355 53	8,425 47

Miles of Streets Paved during the Quarter.

	Miles.
With specification granite .....	None.
With square granite .....	None.
With specification trap .....	None.
With belgian trap .....	None.
With street asphalt .....	None.
With block asphalt .....	None.
With wood .....	None.
With macadam .....	9.94
With cobble .....	None.
With brick .....	None.
With gravel .....	None.
Total .....	9.94

Total Mileage of each kind of Pavement.

	Miles.
With specification granite .....	0.18
With square granite .....	None.
With specification trap .....	0.03
With belgian trap .....	0.07
With street asphalt .....	None.
With block asphalt .....	None.
With wood .....	None.
With macadam .....	153.70
With brick .....	None.
With cobble .....	None.
With gravel .....	None.
Total .....	153.98

Public Moneys Received during the Quarter.

	Amount of Cash received for Deposit.
For restoring and repaving pavement—	
Water connections, openings .....	\$76 00
Sewer connections, openings .....	75 00
General account .....	601 00
To be refunded when roads are restored .....	\$752 00
Amount refunded during the quarter .....	\$230 00

Permits Issued.

Permits to open streets, to tap water pipes .....	146
Permits to open streets, to repair water connections .....	335
Permits to open streets, to make sewer connections .....	105
Permits to open streets, to repair sewer connections .....	15
Permits to place building material on streets .....	44
Permits, special (to lay and repair sidewalks, curbs, gutters, gas service pipes, etc.) .....	521
Total .....	1,166

Repairs to Pavement.

Square yards of macadam pavement repaired .....	14,650
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Statement of Laboring Force Employed in the Department of Highways during the Quarter ending June 30, 1899.

	Hours
Repairing and renewal of pavements, roads and avenues—	
Steam roller .....	249½
Laborers .....	48 226
Teams .....	2,100½
Carts .....	4,097

Sprinklers for the Quarter ending June 30, 1899.

Number of sprinklers in service .....	28
Number of miles sprinkled per day .....	97
Total time of sprinkling, hours .....	13,389
Total cost .....	\$5,362 24
Cost per mile per day .....	.6074

Statement of Repairs and Renewals to Sidewalks, Curb and Gutters without Cost to this Department for the Quarter ending June 30, 1899.

	Linear feet.
Sidewalks .....	6,826
Curb .....	4,058
Gutters .....	834

Patching—

Area, square yards .....	5,961
New metal, cubic yards .....	71.85
Binder, cubic yards .....	30.16
Total cost .....	\$1,113.10
Cost per square yard .....	.17

General repairs—

Area, square yards .....	8,689
New metal, cubic yards .....	313.44
Binder, cubic yards .....	89.84
Total cost .....	\$1,600.98
Cost per square yard .....	.1842

Surfacing—39,129½ square yards, at a cost of \$0.018 per square yard.  
Section cleaning—401.18 miles, at a cost of \$24.75 per mile.  
Cleaning culverts and repairing washouts, \$77.75.  
Miscellaneous work—Repairing wings, drivers, pumpers, removing loose stone, cleaning ditches, etc., \$1,563.05.  
Cobble gutters relaid—515.03 square yards, at a cost of \$0.315 per square yard.  
Relaying curb—898.5 linear feet of curb, at a cost of \$0.05 per linear foot.  
Old bridgestone relaid—1,617 square feet, at a cost of \$0.046 per square foot.  
New bridgestone—561 square feet new bridgestone laid, at a cost of \$0.10 per square foot.  
Block pavements—23 square yards of block pavement relaid, at a cost of \$0.25 per square yard.  
Turnpiking—5.29 miles of dirt roads turnpiked and rolled, at a cost of \$110.96 per mile.  
Surfacing patching—752 square yards surfacing, at a cost of \$0.16 per square yard.  
All of which is respectfully submitted.

HENRY P. MORRISON, Deputy Commissioner and Chief Engineer.

EXECUTIVE DEPARTMENT.

CITY OF NEW YORK—OFFICE OF THE MAYOR.

Pursuant to the authority vested in me by law, I, Robert A. Van Wyck, Mayor of The City New York, do hereby call a Special Joint Meeting of the Council and the Board of Aldermen, constituting the Municipal Assembly of The City of New York, to be held in the Chamber of the Board of Aldermen, in the City Hall, in the Borough of Manhattan, in The City of New York, on Tuesday, November 14, 1899, at twelve o'clock, noon, for the purpose of considering the budget for 1900, made by the Board of Estimate and Apportionment of said City and signed by the members thereof on October 30, 1899, and submitted to the Municipal Assembly, as by law required.

In witness whereof, I have hereunto set my hand and affixed my seal of office, this 8th day of November, A. D. One thousand eight hundred and ninety-nine.

[SEAL.] ROBT. A. VAN WYCK, Mayor.

DEPARTMENT OF HIGHWAYS.

DEPARTMENT OF HIGHWAYS—COMMISSIONER'S OFFICE, }  
NEW YORK, November 6, 1899.

Supervisor of the City Record:

DEAR SIR—In accordance with the provisions of section 1546, chapter 378 of the Laws of 1897, I transmit the following report of the transactions of the Department of Highways for the week ending November 1, 1899.

Respectfully,  
JAMES P. KEATING, Commissioner of Highways.

	BOROUGH.				
	MANHATTAN	THE BRONX.	BROOKLYN.	QUEENS.	RICHMOND
Public Moneys Received during the Week.					
For restoring and repaving pavement—					
Water connections, openings .....		\$28 00	\$499 68	\$92 00	\$5 00
Sewer connections, openings .....		76 00	106 00	20 00	7 00
General account .....		\$998 00	568 44		
For redemption of obstructions seized .....		17 50			
For vault permits .....		738 08	113 81	85 10	
For shed permits .....		25 00			
Total .....	\$1,778 58	\$217 81	\$1,259 22	\$112 00	\$12 00
Permits Issued.					
Permits to open streets, to tap water-pipes .....		50	43	15	5
Permits to open streets, to repair water connections .....		9	59	7	12
Permits to open streets, to make sewer connections .....	63	26	36	4	6
Permits to open streets, to repair sewer connections .....		7	12		1
Permits to place building material on streets .....	116	9	15		2
Permits to construct street vaults .....	3	1	4		
Permits, special .....	23	107	211	29	29
Permits to construct sheds .....					
Permits to erect awnings .....			1		
Permits to cross sidewalks .....	7	3	16	5	
Permits to repair sidewalks .....	54				
Permits for railway repairs and construction .....	5				
Permits for subway, steam and various connections .....	138				
Obstructions Removed.					
Obstructions removed from various streets and avenues .....	9		10		
Repairs to Pavement.					
Square yards of pavement repaired .....	6,187	187	6,240		6,170

Statement of Laboring Force Employed in the Department of Highways during week ending November 1, 1899.

NATURE OF WORK.	BOROUGH.											
	MANHATTAN.			THE BRONX.			BROOKLYN.			QUEENS.		
	Mechanics.	Laborers.	Teams.	Mechanics.	Laborers.	Teams.	Mechanics.	Laborers.	Teams.	Mechanics.	Laborers.	Teams.
Repaving and renewal of pavements .....	239	283	4 91	36	8	8	141	19 37	10 5	1	54	166
Boulevards, roads and avenues, } maintenance of .....	9	10	1	15	656	99	4	77	12	10	5	1
Roads, streets and avenues .....	12	151	36 9				4	89	12			
Steam-roller .....									1			
Total .....	263	450	41 100	15	692	99	12	81	230	31	10	5

Requisitions drawn on Comptroller .....

\$50,914 66

REPORT IN CHANGES OF FORCE FOR THE WEEK ENDING NOVEMBER 1, 1899.

Borough of Manhattan.

Reappointed—1 Sounder.  
Resigned—1 Sounder, 1 Laborer.  
Increased from \$2 to \$2.50—1 Laborer.  
Increased from \$2.50 to \$3—1 Assistant Foreman.

Borough of Richmond.

Removed—9 Teams.

Borough of Brooklyn.

No change.

Borough of The Bronx.

No change.

Borough of Queens.

Reinstated—148 Laborers, 62 Horses and Carts, 10 Assistant Foremen, 22 Teams, 22 Foremen  
3 Pavers, 2 Rammers, 1 Flagger, 1 Engineer of Roller.



DEPARTMENT OF PARKS.

THURSDAY, SEPTEMBER 7, 1899—ADJOURNED MEETING, 11 A.M.

Present—Commissioners Moebus, Brower.

In the absence of the President, Commissioner Moebus was called to the Chair.

A representative of the Comptroller being present, and the meeting open to the public, the estimate-box was opened, and all the estimates or proposals which had been received pursuant to duly published advertisements, were opened and read:

For Furnishing all the Labor and Furnishing and Erecting all the Materials Necessary to Complete, so far as specified, the New Southwest Corner Wing and the Lecture Hall Wing and other works of the Enlargement of the American Museum of Natural History, in the Manhattan Square, etc., Borough of Manhattan.

For Furnishing all the Labor and Furnishing and Erecting all the Materials Required to Erect and Complete in the New East Wing and Extension of the Metropolitan Museum of Art in Central Park, Borough of Manhattan, Mason Work necessary to Complete the Secondary Arches on Second Story.

NAMES OF BIDDERS.	AMOUNT.
Thomas Dwyer.....	\$229,200 00
James B. Smith.....	241,753 00
Thomas Cockerill & Son.....	184,900 00

NAMES OF BIDDERS.	AMOUNT.
T. Cockerill & Son.....	\$24,900 00
Bernard J. Lenahan.....	15,300 00
Thomas Dwyer.....	14,270 00
M. C. Henry & Co.....	15,000 00

For Furnishing, Delivering and Laying Water-mains and Appurtenances in the Central Park, in the Borough of Manhattan, City of New York.

Number.	ITEMS.	QUANTITIES.	WILLIAM J. PLANT.		WILLIAM F. NORTON.		S. M. NEFF.		CHARLES J. DUNN.		WILLIAM J. MOORE.	
			Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.
1	Earth excavation.....	5,500 cubic yards.	\$0 20	\$1,100 00	\$0 01	\$55 00	\$0 60	\$3,300 00	\$0 30	\$1,650 00	\$0 50	\$2,750 00
2	Rock excavation.....	700 "	3 00	2,100 00	01	7 00	2 50	1,750 00	30	210 00	2 00	1,400 00
3	Filling.....	6,200 "	05	310 00	01	62 00	40	2,480 00	30	1,860 00	.....	.....
4	Straight cast-iron pipe, to furnish and deliver.....	263 tons (of 2,000 pounds).	29 92	7,868 96	26 65	7,068 95	23 00	7,364 00	32 00	8,416 00	28 00	7,364 00
5	Cast-iron special pipe, to furnish and deliver.....	5 tons (of 2,000 pounds)	59 85	299 25	52 00	260 00	60 00	300 00	60 00	300 00	55 00	275 00
6	Cast-iron pipe, 4-inch, to lay.....	2,400 linear feet.	11	264 00	75	1,800 00	10	240 00	15	360 00	15	360 00
7	Cast-iron pipe, 6-inch, to lay.....	4,250 "	15	637 50	80	3,400 00	12	510 00	18	765 00	20	850 00
8	Cast-iron pipe, 8 inch, to lay.....	1,750 "	19	332 50	90	1,575 00	14	245 00	22	385 00	25	437 50
9	Cast-iron pipe, 10-inch, to lay.....	3,100 "	31	961 00	1 00	3,100 00	16	496 00	25	775 00	35	1,085 00
10	Two and one-half-inch wrought-iron water-pipe, to furnish and lay.....	2,050 "	85	1,742 50	60	1,230 00	45	922 50	50	1,025 00	35	717 50
11	Ten-inch stop-cocks and brick basins to furnish and set.....	2.	53 00	106 00	45 00	90 00	60 00	120 00	35 00	70 00	43 00	86 00
12	Eight-inch stop cocks and brick basins, to furnish and set.....	2.	47 00	94 00	40 00	80 00	52 00	104 00	30 00	60 00	38 00	76 00
13	Six-inch stop-cocks and brick basins to furnish and set.....	3.	41 00	123 00	40 00	120 00	45 00	135 00	25 00	75 00	30 00	90 00
14	Four-inch stop-cocks and brick basins, to furnish and set.....	2.	35 00	70 00	30 00	60 00	40 00	80 00	15 00	30 00	25 00	50 00
15	Two and one-half-inch stop-cocks and boxes, to furnish and set.....	61.	9 00	549 00	15 00	915 00	11 00	671 00	22 00	1,342 00	10 00	610 00
16	Hydrants to take up and repair, reset and reconnect.....	61.	11 75	716 75	20 00	1,220 00	11 00	671 00	2 00	122 00	10 00	610 00
17	Blow-offs, with brick basins, etc., to furnish and set.....	6.	45 00	270 00	15 00	90 00	35 00	210 00	20 00	120 00	15 00	90 00
18	Air-cocks, to furnish and set.....	11.	3 00	33 00	10 00	110 00	55 00	605 00	3 50	38 50	5 00	55 00
19	Sod, to furnish and lay.....	23,300 square feet.	03	699 00	05	1,165 00	11 1/2	2,679 50	03	699 00	06	1,398 00
Total.....				\$18,276 46		\$22,347 95		\$22,883 00		\$18,302 50		\$18,304 00

For Setting Curbstones, Laying Asphalt Walks, Sodding and Other Work in the Public Place or Plaza Adjoining Fifth Avenue, between Fifty-eighth and Sixtieth Streets, Borough of Manhattan, City of New York.

For Paving with Rock Asphalt certain Walks near the Lily Pond, the North Meadow and the Casino, all in the Central Park, in the Borough of Manhattan, City of New York.

Number.	ITEMS.	QUANTITIES.	BART. DUNN.		CHARLES L. DORAN.	
			Price.	Amount.	Price.	Amount.
1	Excavation of all kinds.....	240 cubic yards.	\$1 00	\$240 00	\$1 50	\$360 00
2	Mould in place.....	375 "	1 90	712 50	1 50	562 50
3	Masonry of rubble-stone in cement mortar or concrete.....	31 "	6 00	186 00	4 50	139 50
4	Bluestone coping, furnish and set.....	135 linear feet.	2 86	386 10	3 00	405 00
5	Bluestone curb, 8 inches thick, straight, to furnish and set.....	40 "	2 00	80 00	3 00	120 00
6	Bluestone curb, 8 inches thick, curved, to furnish and set.....	340 "	3 00	1,020 00	3 00	1,020 00
7	Bluestone edging, 2 1/2 inches thick, straight and curved, to furnish and set.....	880 "	97	\$853 60	1 00	880 00
8	Old bluestone curb, 8 inches thick, straight and curved, to take up, redress, r joint and reset.....	415 "	55	228 25	75	311 25
9	Bluestone sills, furnish and set.....	60 "	3 30	198 00	3 25	195 00
10	Bluestone base blocks, for electric lamp-posts, to furnish and set.....	16.	10 50	168 00	10 00	160 00
11	Walk-basin, to build complete.....	1.	45 00	45 00	80 00	80 00
12	Six-inch vitrified stoneware drain-pipe, to furnish and lay.....	60 linear feet.	50	30 00	70	42 00
13	Walk pavement of rock asphalt, with concrete base and rubble-stone foundation, to lay.....	11,400 square feet.	20	2,280 00	27	3,078 00
14	Gutter of rock asphalt, with concrete base, to lay.....	720 "	60	432 00	50	360 00
15	Sod, to furnish and lay.....	12,400 "	03	372 00	03	372 00
16	Electric lamp-posts, complete, to furnish and erect.....	16.	140 00	2,240 00	90 00	1,440 00
Total.....				\$9,471 45		\$9,525 25

No.	ITEMS.	QUANTITIES.	T. HUGH BOORMAN.	
			Price.	Amount.
1	Pavement of rock asphalt with concrete base.....	25,000 square feet.	\$0 23	\$5,750 00
2	Walk basins complete.....	6.	35 00	210 00
3	6-inch vitrified stoneware drain-pipe.....	430 linear feet.	35	150 50
4	Mould in place.....	155 cubic yards.	1 05	162 75
5	Sod, furnish and lay.....	15,800 square feet.	2 1/2	395 00
Total.....				\$6,668 25

For Furnishing and Delivering Limestone Screenings, Building Sand, Trap-rock Screenings and Grit required for Parks, in the Borough of Manhattan.

No.	ITEMS.	QUANTITIES.	J. FRANK QUINN.	
			Price.	Amount.
1	Limestone screenings.....	600 cubic yards.....	\$1 30	\$780 00
2	Sharp building sand.....	500 ".....	1 50	750 00
3	Trap-rock screenings.....	500 ".....	1 55	775 00
4	Grit.....	200 ".....	2 00	400 00
Total.....				\$2,705 00

For Regulating, Grading, Constructing Retaining-walls and Pools for use of New York Zoological Society in Bronx Park, in The City of New York, Borough of The Bronx.

No.	ITEMS.	QUANTITIES.	T. W. TIMPSON & CO., INC.		CHARLES W. COLLINS.		CHARLES J. DUNN.		JOHN C. RODGERS, JR.		WILLIAM J. MOORE.	
			Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.
1	Earth excavation.....	21,400 cubic yards.	\$0 45	\$9,630 00	\$0 40	\$8,560 00	\$0 35	\$7,490 00	\$0 35	\$7,490 00	\$0 50	\$10,700 00
2	Rock excavation.....	6,700 "	1 00	6,700 00	1 25	8,375 00	1 35	9,045 00	1 00	6,700 00	1 50	10,050 00
3	Dry rubble masonry.....	1,250 "	1 80	2,250 00	1 50	1,875 00	1 75	2,187 50	1 50	1,875 00	2 00	2,500 00
4	Rubble masonry in cement mortar.....	520 "	2 30	1,196 00	3 00	1,560 00	2 00	1,040 00	4 10	2,132 00	5 00	2,600 00
5	Concrete in place.....	300 "	2 00	600 00	5 00	1,500 00	5 50	1,650 00	5 00	1,500 00	6 00	1,800 00
6	Pavement of concrete and mortar of Portland cement, including all drain and water-pipes with fixtures.....	6,500 square feet.	12	780 00	10	650 00	15	975 00	15	975 00	21	1,365 00
7	Coping of concrete and mortar of Portland cement.....	280 linear feet.	20	56 00	1 50	420 00	55	154 00	30	84 00	1 75	490 00
Total.....				\$21,212 00		\$22,940 00		\$22,541 50		\$20,756 00		\$29,505 00



No.	ITEMS.	QUANTITIES.	JAMES PILKINGTON.		FARRELL & HOPPER.		A. E. OLMSTED.		CHARLES L. DORAN.	
			Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.
1	Earth excavation.....	21,400 cubic yards.	\$0 35	\$7,490 00	\$0 40	\$8,560 00	\$0 28	\$5,992 00	\$0 40	\$8,560 00
2	Rock excavation.....	6,700 "	1 50	10,050 00	1 25	8,375 00	85	5,695 00	1 25	8,375 00
3	Dry rubble masonry.....	1,250 "	2 50	3,125 00	2 00	2,500 00	2 00	2,500 00	1 50	1,875 00
4	Rubble masonry in cement mortar.....	520 "	5 00	2,600 00	5 00	2,600 00	6 00	3,120 00	3 00	1,560 00
5	Concrete in place.....	300 "	6 50	1,950 00	8 00	2,400 00	6 00	1,800 00	2 00	600 00
6	Pavement of concrete and mortar of Portland cement, including all drain and water-pipes with fixtures.....	6,500 square feet.	30	1,950 00	35	2,275 00	20	1,300 00	10	650 00
7	Coping of concrete and mortar of Portland cement.....	280 linear feet.	2 50	700 00	1 00	280 00	1 50	420 00	15	42 00
Total.....				\$27,865 00		\$26,990 00		\$20,827 00		\$21,662 00

For Improving Small Park on the west side of Fulton avenue, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets, in the Borough of The Bronx of The City of New York.

No.	ITEMS.	QUANTITIES.	WILLIAM J. MOORE.		CHARLES J. DUNN.		THOMAS DWYER.		CHARLES L. DORAN.	
			Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.
1	Earth excavation.....	300 cubic yards.	\$0 50	\$150 00	\$1 50	\$450 00	\$0 80	\$240 00	\$0 60	\$180 00
2	Rock excavation.....	100 "	2 00	200 00	1 50	150 00	1 50	150 00	1 50	150 00
3	Rubble masonry in cement mortar.....	100 "	6 00	600 00	3 25	325 00	5 00	500 00	4 00	400 00
4	Bluestone steps.....	240 linear feet.	1 25	300 00	90	216 00	1 00	240 00	1 00	240 00
5	Bluestone cheeks.....	60 "	90	54 00	80	48 00	4 00	240 00	1 00	60 00
6	Granite coping, to furnish and set.....	190 "	2 00	380 00	4 00	760 00	3 50	665 00	3 50	665 00
7	Iron fence, to furnish and set on Fulton avenue, including gate.....	200 "	3 00	600 00	4 00	800 00	4 00	800 00	4 12	824 00
8	Iron fence, to furnish and set on north side of park.....	200 "	3 00	600 00	2 50	500 00	4 00	800 00	2 30	460 00
9	Asphalt walks, including concrete base and rubble-stone foundation.....	4,000 square feet.	10	400 00	20	800 00	20	800 00	24	960 00
Total.....				\$3,284 00		\$4,049 00		\$4,435 00		\$3,939 00

For Furnishing all the Labor and Materials for the Erection and Completion of a Greenhouse in the Prospect Park, Brooklyn Borough, in The City of New York. Together with all Appurtenances and other Work in connection therewith.

NAMES OF BIDDERS.	AMOUNT.
Thomas W. Weathered's Sons.....	\$21,000 00
Lord & Burnham Company.....	17,850 00
Hitchings & Co.....	19,270 00

On motion, the reading of minutes was dispensed with.

Commissioner Brower offered the following:

Resolved, That the contracts for which proposals have this day been received, excepting work on the American Museum of Natural History and the Plaza at Fifty-ninth street and Fifth avenue, be awarded to the lowest respective formal bidders; that their proposals be forwarded to the Comptroller for his approval of the sureties thereon, and when so approved, that contracts for the several works and materials be executed by the Department.

Which was adopted by the following vote:

Ayes—Commissioners Moebus and Brower—2.

Commissioner Moebus offered the following:

Resolved, That the proposals this day received for furnishing and erecting all the materials necessary to complete the new southwest corner wing and the lecture hall wing and other works of the enlargement of the American Museum of Natural History be and hereby are rejected, this Board deeming it to the interests of the City so to do.

Which was adopted by the following vote:

Ayes—Commissioners Moebus and Brower—2.

Commissioner Brower offered the following:

Resolved, That the contract between The City of New York, through the Department of Parks of the boroughs of Brooklyn and Queens, and Thomas F. Gilbride, contractor, dated July 27, 1899, and amounting to three thousand one hundred and ninety dollars, for excavation at Red Hook Park, the excavating therein specified be and the same is hereby increased not exceeding twenty-five per cent.

Which was adopted by the following vote:

Ayes—Commissioners Moebus and Brower—2.

Commissioner Brower offered the following:

Resolved, That the contract between The City of New York, through the Department of Parks of the boroughs of Brooklyn and Queens, and the firm of Kelly & Byrnes, contractors, for regulating, grading, curbing, guttering and paving with telford pavement the Bay Ridge parkway terminus, be increased as follows:

Increase in length of 18-inch sewer pipe, 1,680 feet.

In rease in number of catch-basins, 16.

Which was adopted by the following vote:

Ayes—Commissioners Moebus and Brower—2.

Commissioner Moebus offered the following:

Resolved, That, pursuant to the terms of the contract between this Department and J. Frank Quinn, dated June 23, 1899, for broken stone and screenings for Van Cortlandt and Bronx parks, in the Borough of The Bronx, the quantities specified therein be increased as may be required, not exceeding twenty-five per cent.

Which was adopted by the following vote:

Ayes—Commissioners Moebus and Brower—2.

The Departmental Estimate for the year 1900, as prepared and revised, was adopted and ordered forwarded to the Board of Estimate and Apportionment and a copy to the Municipal Assembly, as required by law, as follows:

#### DEPARTMENTAL ESTIMATE FOR 1900.

Park Board—Salaries of Commissioners, Landscape Architect, Secretary and Employees of the Board.....	\$29,300 00
<b>Boroughs of Manhattan and Richmond.</b>	
Administration.....	\$26,400 00
Labor, Maintenance and Supplies.....	581,000 00
Zoological Department.....	32,500 00
Maintenance of Museums.....	236,000 00
Music.....	25,000 00
Contingencies.....	3,000 00
Surveys, Maps and Plans.....	5,000 00
Aquarium.....	60,000 00
Trees, West End Avenue and other Streets.....	10,000 00
Care Grant's Tomb.....	5,000 00
Harlem River Driveway.....	20,000 00
Ambulance Service.....	1,200 00

Asphalt Walks.....	\$50,000 00
Cement Walks.....	12,000 00
Drainage.....	7,150 00
Sewerage.....	25,000 00
Central Park, West, Improvement.....	30,000 00
Lavatories, Morning-side Park.....	9,000 00
Water Supply, Harlem River Driveway.....	15,000 00
Asphalting West Eighty-sixth Street.....	53,000 00
Total.....	\$1,206,250 00

#### Borough of The Bronx.

Maintenance and Construction, including all supplies, repairs to buildings, etc., Administration.....	\$302,000 00
Maintenance of Botanical Gardens.....	15,480 00
Maintenance of Zoological Gardens.....	60,000 00
Music.....	60,000 00
Contingencies.....	12,480 00
Surveys, Maps and Plans.....	1,500 00
For a System of Water Supply and Sewerage.....	10,000 00
For Construction of Greenhouse, Propagating House and Nurseries.....	25,000 00
Total.....	\$511,460 00

#### Boroughs of Brooklyn and Queens.

Administration.....	\$20,400 00
Labor, Maintenance and Supplies.....	477,420 44
Music.....	10,998 45
Maintenance of Museums.....	60,950 00
Coney Island Concourse (bath-houses, casino, etc.).....	175,000 00
Total.....	\$744,768 89

#### RECAPITULATION BY BOROUGH.

Park Board.....	\$29,300 00
Boroughs of Manhattan and Richmond.....	1,206,250 00
Borough of The Bronx.....	511,460 00
Boroughs of Brooklyn and Queens.....	744,768 89
Total.....	\$2,491,778 89

On motion, at 11.45 A. M. the Board adjourned.

WILLIS HOLLY, Secretary.

## DEPARTMENT OF PUBLIC CHARITIES.

### REPORT OF TRANSACTIONS FOR THE WEEK ENDING OCTOBER 31, 1899.

#### BOROUGH OF RICHMOND.

DEPARTMENT OF PUBLIC CHARITIES—BOROUGH OF RICHMOND,  
COMMISSIONER'S OFFICE, STAPLETON,  
NEW YORK, November 1, 1899.

Reports of Superintendent of Almshouse, labor, census, Hospital, etc., and report of Superintendent of Out-door Poor, received and placed on file.  
Approved weekly requisition for Almshouse.

October 31.

Communication from his Honor the Mayor in reference to taking inventory received.  
Approved the following bill:  
The New York Catholic Protectory for the month ending September 30, 1899..... \$45 20

The following is the report for the week ending October 31, 1899:

Committed to Almshouse.....	3
Discharged from Almshouse.....	2
Burial permits issued.....	3
Ambulance calls issued.....	4
Order for abandonment warrant.....	1
Dependent child died.....	1

JAMES FEENY, Commissioner.



## AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 207 Stewart Building, on Tuesday, October 17, 1899, at 11 o'clock A. M.*

Present—Commissioners Ryan (President), Ten Eyck, Power and Windolph.

The minutes of stated meeting of October 10, 1899, were read and approved.

Commissioner Ten Eyck offered the following resolution and moved that the same be adopted:

Resolved, That the accompanying bill for school taxes for 1899 on land taken in fee by The City of New York for the construction of the New Croton Reservoir, due School District No. 8, Town of Yorktown, New York, amounting to one hundred and thirty-three dollars and six cents, is hereby approved and ordered certified to the Comptroller for payment.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

Commissioner Ten Eyck, as Chairman of the Committee of Finance and Audit, reported the examination and audit of bills contained in Vouchers Nos. 13,103 to 13,113, inclusive, amounting to \$1,346.99.

Which were approved and ordered certified to the Comptroller for payment by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Construction or Executive Committee referred back to the Commissioners the following communication:

LAW DEPARTMENT,  
OFFICE OF THE CORPORATION COUNSEL,  
NEW YORK, October 9, 1899.

Hon. JOHN J. RYAN, President, Aqueduct Commissioners' Office:

SIR—I am in receipt of a communication from your Department, dated October 3, 1899, transmitting for my approval contract for grading for and making roads and foot paths, with appurtenances, and doing other grading about the grounds of the keeper's house, cottage and stable at the Jerome Park Reservoir, in the Twenty-fourth Ward, Borough of The Bronx. I return said contract herewith approved as to form.

Yours respectfully,

GEORGE HILL, Acting Corporation Counsel.

Which was ordered filed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

Commissioner Ten Eyck offered the following preamble and resolution and moved that the same be adopted:

Whereas, In the minutes of meeting of September 12, 1899, it appears that the aggregate amount of the bills contained in Vouchers Nos. 13036 to 13048, inclusive, is one thousand, one hundred and thirty-two dollars and sixty-nine cents, when such aggregate amount was one thousand, one hundred and thirty-nine dollars and thirteen cents; therefore, be it

Resolved, That the minutes of September 12, 1899, be and hereby are amended so as to read one thousand, one hundred and thirty-nine dollars and thirteen cents instead of one thousand, one hundred and thirty-two dollars and sixty-nine cents.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION—ROOM 58, No. 96 BROADWAY,  
NEW YORK, WEDNESDAY, June 14, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—Warren W. Foster (Chairman pro tem.) and Charles A. Jackson, Commissioners. Of Counsel—Robert C. Beatty, Esq., representing the Corporation Counsel; A. Edward Woodruff, Esq., representing claim No. 970.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then proceeded with the trial of claim No. 970 (William H. Mountfort.)

The Commission then adjourned to Friday, June 16, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION—ROOM 58, No. 96 BROADWAY,  
NEW YORK, FRIDAY, June 16, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—William E. Stillings (Chairman), Warren W. Foster and Charles A. Jackson, Commissioners.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then, in executive session, examined, discussed and considered the testimony, depositions, photographs and other evidence in certain claims heretofore submitted.

The Commission then adjourned to Monday, June 19, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION—ROOM 58, No. 96 BROADWAY,  
NEW YORK, MONDAY, June 19, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—William E. Stillings (Chairman), Warren W. Foster and Charles A. Jackson, Commissioners.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then, in executive session, examined, discussed and considered the testimony, depositions, photographs and other evidence in certain claims heretofore submitted.

The Commission then adjourned to Wednesday, June 21, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION—ROOM 58, No. 96 BROADWAY,  
NEW YORK, WEDNESDAY, June 21, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—William E. Stillings (Chairman), Warren W. Foster and Charles A. Jackson, Commissioners.

Of Counsel—Robert C. Beatty, Esq., representing the Corporation Counsel; A. Edward Woodruff, Esq., representing Claim No. 970; John C. Coleman, Esq., representing Claim No. 968.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then proceeded with the trial of the following claims: No. 970 (William H. Mountfort), and No. 968 (Alexander D. Duff and others).

The Commission then certified bill in favor of John J. O'Brien, for printing and stationery, in the sum of \$105.75, and instructed the Clerk to file the same in the Comptroller's office.

The Commission then adjourned to Friday, June 23, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION—ROOM 58, No. 96 BROADWAY,  
NEW YORK, FRIDAY, June 23, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—William E. Stillings (Chairman), Warren W. Foster and Charles A. Jackson, Commissioners.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then, in Executive Session, examined, discussed and considered the testimony, depositions, photographs and other evidence in certain claims heretofore submitted.

The Commission then adjourned to Monday, June 26, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION—ROOM 58, No. 96 BROADWAY,  
NEW YORK, MONDAY, June 26, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—William E. Stillings (Chairman), Warren W. Foster and Charles A. Jackson, Commissioners.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then, in Executive Session, examined, discussed and considered the testimony, depositions, photographs and other evidence in certain claims heretofore submitted.

The Commission then adjourned to Wednesday, June 28, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## CHANGE OF GRADE DAMAGE COMMISSION.

OFFICE OF THE COMMISSION, ROOM 58, No. 96 BROADWAY,  
NEW YORK, WEDNESDAY, June 28, 1899, 2 o'clock P. M.

The Commission met pursuant to adjournment.

Present—William E. Stillings (Chairman) and Charles A. Jackson, Commissioners.

Of Counsel—Robert C. Beatty, Esq., representing the Corporation Counsel; Messrs. McCarty & Baldwin, representing numerous claimants.

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commissioners then proceeded with the trial of the following claims:

No. 970 (William H. Mountfort), No. 175 (Peter Martin), No. 834 (Estate of Peter W. Schaefer), No. 832 (Estate of Christopher Stumpt), No. 976 (Carleton W. Bonfils and another), No. 977 (Albert J. Brown), No. 978 (Peter Leckler), No. 979 (Matthew Leckler) and No. 980 (David B. Ogden and others).

Messrs. McCarty & Baldwin laid before the Commission copies of the following laws affecting certain claims before the Commission:

## CHAPTER 707, LAWS OF 1899.

"AN ACT to amend chapter five hundred and thirty-seven of the Laws of eighteen hundred and ninety-three, entitled 'An act providing for ascertaining and paying the amount of damages to lands and buildings, suffered by reason of changes of grade of streets or avenues, made pursuant to chapter seven hundred and twenty-one of the Laws of eighteen hundred and eighty-seven, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards in The City of New York or otherwise,' as amended by chapter five hundred and sixty-seven of the Laws of eighteen hundred and ninety-four, entitled 'An act to amend chapter five hundred and thirty-seven of the Laws of eighteen hundred and ninety-three, entitled 'An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter seven hundred and twenty-one of the Laws of eighteen hundred and eighty-seven, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards in The City of New York or otherwise,' relative to damages caused by change of grade in the borough of The Bronx (formerly the Twenty-third and Twenty-fourth Wards), of The City of New York, by permitting the filing of certain claims, under the provisions of said chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three, as amended by chapter five hundred and sixty-seven of the laws of eighteen hundred and ninety-four.

Accepted by the City.

Became a law May 25, 1899, with the approval of the Governor.

Passed, three-fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. All persons that were respectively the owners of improved or unimproved real estate hereinafter specifically mentioned, situated in the borough of The Bronx of The City of New York (formerly the Twenty-third and Twenty-fourth Wards of The City of New York), at the time that chapter five hundred and thirty-seven of the Laws of eighteen hundred and ninety-three, hereby amended, became a law of the State of New York, namely, the parcels of real estate that were respectively designated at the last-mentioned time on the tax maps of The City of New York, as ward number twenty-one in block number nine hundred and four, ward number thirty-five in block number nine hundred and five, ward number seventy in block number eleven hundred and seventy-three, ward number sixteen in block number sixteen hundred and eighty-four, ward number eighty-one in block number twelve hundred and eight, ward number thirty-one in block number eleven hundred and eighty, ward number twenty in block number sixteen hundred and eighty-four and ward number twenty-one in block number sixteen hundred and eighty-four, which real estate has sustained, or will sustain, damages by reason of change of grade of any street or avenue, may, within thirty days after the passage of this act, file a claim or claims with the Comptroller of The City of New York and also with the Corporation Counsel of The City of New York, as provided by chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three as amended by chapter five hundred and sixty-seven of the Laws of eighteen hundred and ninety-four, as if said claim had been originally filed within six months after the first public meeting of the Commissioners appointed pursuant to said chapter five hundred and thirty-seven of the Laws of eighteen hundred and ninety-three hereby amended.

Sec. 2. The time within which all evidence, with respect to each of the claims filed pursuant to this act, whether offered on behalf of the claimants or the City, is required to be submitted, is hereby extended three months after the passage of this Act.

Sec. 3. This Act shall take effect immediately."

## CHAPTER 709, LAWS OF 1899.

"AN ACT to amend chapter 537 of the Laws of eighteen hundred and ninety-three, entitled 'An Act providing for ascertaining and paying the amount of damages to land and buildings, suffered by reason of change of grade of streets or avenues, made pursuant to chapter seven hundred and twenty-one of the Laws of eighteen hundred and eighty-seven, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards in The City of New York or otherwise,' as amended by chapter five hundred and sixty-seven of the Laws of eighteen hundred and ninety-four, entitled 'An Act to amend chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three entitled "an act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter seven hundred and twenty-one, of the laws of eighteen hundred and eighty-seven, providing for the depression of railroad tracks in the twenty-third and twenty-fourth wards in The City of New York or otherwise," relative to damages caused by change of grade in the borough of The Bronx, (formerly the twenty-third and twenty-fourth wards) of The City of New York, by permitting the filing of certain claims, under the provisions of said chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three, as amended by chapter five hundred and sixty-seven of the laws of eighteen hundred and ninety-four.

Accepted by the City.

Became a law May 24, 1899, with the approval of the Governor.

Passed, three-fifths being present.

The people of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. All persons that were respectively the owners of improved or unimproved real estate hereinafter specifically mentioned, situated in the Borough of The Bronx of The City of New York (formerly the Twenty-third and Twenty-fourth wards of The City of New York), at the time that chapter five hundred and thirty-seven of the Laws of eighteen hundred and ninety-three, hereby amended, became a law of the State of New York, namely, the parcels of real estate that were respectively designated at the last mentioned time on the tax maps of The City of New York as ward number twenty-five in block number eleven hundred and nineteen, ward number fifty-one in block number eleven hundred and nineteen, ward number four "A" in block number sixteen hundred and sixty-seven, ward number one in block number eleven hundred and eleven, and ward number twenty-eight in block number twelve hundred and eighty-seven, which real estate has sustained, or will sustain, damages by reason of change of grade of any street or avenue, may, within thirty days after the passage of this act, file a claim or claims with the Comptroller of The City of New York and also with the Corporation Counsel of The City of New York, as provided by chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three, as amended by chapter five hundred and sixty-seven of the laws of eighteen hundred and ninety-four, hereby amended, and each claim for damages with respect to each said parcel of real estate herein designated shall, if filed within the period hereby allowed, in all respects come and remain under the operation of the provisions of chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three, as amended by chapter five hundred and sixty-seven of the laws of eighteen hundred and ninety-four, as if said claim had been originally filed within six months after the first public



meeting of the commissioners appointed pursuant to said chapter five hundred and thirty-seven of the laws of eighteen hundred and ninety-three hereby amended.

Sec. 2. The time within which all evidence, with respect to each of the claims filed pursuant to this act, whether offered on behalf of the claimants or the city, is required to be submitted, is hereby extended three months after the passage of this act.

Sec. 3. This act shall take effect immediately.

The Commission then adjourned to Friday, June 30, 1899, at 2 o'clock P. M.

LAMONT McLOUGHLIN, Clerk.

## EXECUTIVE DEPARTMENT.

CITY OF NEW YORK—OFFICE OF THE MAYOR.

APPOINTMENT MADE BY THE MAYOR.

NOVEMBER 8, 1899.

John F. Neilson, a Marshal of The City of New York, to succeed William A. Mass, Marshal, deceased, for the unexpired term of said William A. Mass, and assigned to the Municipal Court of The City of New York, Third District, Borough of Manhattan.

To the Supervisor of the City Record, City Hall, New York City:

DEAR SIR—I am directed by the Mayor to transmit to you, for publication in the CITY RECORD, the above memorandum of an appointment made by him this day.

Very respectfully yours,

ALFRED M. DOWNES, Secretary to the Mayor.

## APPROVED PAPERS.

No. 1055.

Resolved, That permission be and the same is hereby given to Patrick O'Reilly to erect and keep a storm door on the Reid avenue side of his premises, No. 1753 Fulton street, Borough of Brooklyn, provided said storm-door shall not exceed ten feet in height, two feet wider than the doorway, and not to extend beyond five feet from the house-line, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, October 17, 1899.

Adopted by the Council October 17, 1899.

Received from his Honor the Mayor October 31, 1899, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

## DEPARTMENT OF PARKS.

THE CITY OF NEW YORK,  
DEPARTMENT OF PARKS,  
BOROUGHS OF MANHATTAN AND RICHMOND,  
THE ARSENAL, CENTRAL PARK,  
November 8, 1899.

Supervisor of the City Record:

SIR—I beg to report the following action, taken in connection with employees of this Department, boroughs of Manhattan and Richmond:

Reinstated from the Department of Highways. Michael Devine, No. 230 West Sixty-first street, Laborer, at \$2 per day.

Appointed November 6, in accordance with Civil Service Regulation 66.

Thomas F. Maher, No. 1384 Park avenue, Plumber, at \$4 per day.

Respectfully,

CLINTON H. SMITH,  
Assistant Secretary, Park Board.

THE CITY OF NEW YORK,  
DEPARTMENT OF PARKS,  
OFFICE OF COMMISSIONER FOR THE  
BOROUGH OF THE BRONX,  
ZBROWSKI MANSION, CLAREMONT PARK,  
November 8, 1899.

Supervisor of the City Record:

DEAR SIR—Pursuant to section 1546, chapter 378, Laws of 1897, I hereby notify you, for publication in the CITY RECORD, that I have this day reinstated William S. Vaughn as Laborer, at \$2 per day.

Respectfully yours,

AUGUST MOEBUS,  
Commissioner of Parks, Borough of The Bronx.

DEPARTMENT OF PARKS,  
BOROUGHS OF BROOKLYN AND QUEENS,  
ROOM NO. 14, CITY HALL,  
BOROUGH OF BROOKLYN,  
November 8, 1899.

Supervisor of the City Record:

SIR—I hereby notify you that I have made the following appointments in this Department: 1899.

October 27. James Radigan, team, at \$5 per day.

November 2. Herman A. Streller, Blacksmith, at \$3 per day.

Yours very truly,

GEO. V. BROWER,  
Commissioner.

## NATIONAL GUARD, STATE OF NEW YORK.

THIRD BATTERY, N. G., N. Y.,  
ARMORY, Nos. 165 to 179 CLERMONT AVE.,  
BROOKLYN, November 6, 1899.

Supervisor of the City Record:

DEAR SIR—I have the honor to advise you that I have appointed Frederick O. Beigman, residing at No. 180 Washington avenue, in the Borough of Brooklyn, County of Kings, a Laborer in the Armory of the Third Battery, N. G., N. Y., in place of William K. Crum, discharged, pursuant to the provisions of section 139 of the Military Code, chapter 212 of the Laws of 1898.

Respectfully,

HENRY S. RASQUIN,  
Captain, commanding Third Battery.

## OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

## EXECUTIVE DEPARTMENT

Mayor's Office.

No. 6 City Hall 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

ROBERT A. VAN WYCK, Mayor  
ALFRED M. DOWNES, Private Secretary.

Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

DAVID J. ROCHER, Chief of Bureau.  
Principal Office, Room 1, City Hall. GEORGE W. BROWN, Jr., Deputy Chief in Boroughs of Manhattan and The Bronx.

Branch Office, Room 2, Borough Hall, Brooklyn; WILLIAM H. JORDAN, Deputy Chief in Borough of Brooklyn.  
Branch Office, "Richmond Building," New Brighton, S. I.; WILLIAM H. McCLARE, Deputy Chief in Borough of Richmond.

Branch Office, "Hackett Building," Long Island City; PETER FLANAGAN, Deputy Chief in Borough of Queens.

## THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery and Blank Books.  
No. 2 City Hall, 9 A. M. to 4 P. M., Saturday, 9 A. M. to 12 M.

WILLIAM A. BUTLER, Supervisor; SOLON BERNICK, Deputy Supervisor; THOMAS C. COWELL, Deputy Supervisor and Accountant.

## BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; THOMAS L. FEITNER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER, PRESIDENT OF THE COUNCIL, and the CORPORATION COUNSEL, Members; CHARLES V. ADER, Clerk.

Office of Clerk, Department of Taxes and Assessments, Stewart Building.

## COMMISSIONERS OF THE SINKING FUND.

The Mayor, Chairman; BIRD S. COLER, Comptroller; PATRICK KEENAN, Chamberlain; RANDOLPH GUGGENHEIMER, President of the Council; and ROBERT MUIR, Chairman, Finance Committee, Board of Aldermen, Members. EDGAR J. LEVEY, Secretary.

Office of Secretary, Room No. 11, Stewart Building.

## BOARD OF ARMY COMMISSIONERS.

The Mayor, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary; HENRY S. KEARNY, MCCOSKEY BUTT and JAMES McLEER, Commissioners.

Address THOMAS L. FEITNER, Stewart Building. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

## MUNICIPAL ASSEMBLY.

The Council.

RANDOLPH GUGGENHEIMER, President of the Council.  
P. J. SCULLY, City Clerk.  
Clerk's office open from 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

## BOARD OF ALDERMEN.

THOMAS F. WOODS, President.  
MICHAEL F. BLAKE, Clerk.

## COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 9 A. M. to 4 P. M.  
JOHN C. HERTLE and EDWARD OWEN, Commissioners.

## BOROUGH PRESIDENTS.

Borough of Manhattan.

Office of the President of the Borough of Manhattan, Nos. 10, 11 and 12 City Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JAMES J. COOGAN, President.

IRA EDGAR RIDER, Secretary.

Borough of The Bronx.

Office of the President of the Borough of The Bronx, corner Third avenue and One Hundred and Seventy-seventh street. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

LOUIS F. HAFEN, President.

Borough of Brooklyn.

President's Office, No. 1 Borough Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

EDWARD M. GROUT, President.

Borough of Queens.

FREDERICK BOWLEY, President.  
Office, Long Island City. 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. until 12 M.

Borough of Richmond.

GEORGE CROMWELL, President.

Office of the President, First National Bank Building, New Brighton; 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

## PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.  
WILLIAM M. HORS, Public Administrator.

## PUBLIC ADMINISTRATOR, KINGS COUNTY.

No. 189 Montague street, Brooklyn, 9 A. M. to 5 P. M., except Saturdays in June, July and August, 9 A. M. to 1 P. M.  
WM. B. DAVENPORT, Public Administrator.

## AQUEDUCT COMMISSIONERS.

Room 200 Stewart Building, 5th floor, 9 A. M. to 4 P. M.  
JOHN J. RYAN, MAURICE J. POWER, WILLIAM H. TEN EYCK, JOHN P. WINDOLPH and THE MAYOR, and COMPTROLLER, Commissioners; HARRY W. WALKER, Secretary, A. FRELIV, Chief Engineer.

## DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
BIRD S. COLER, Comptroller.  
MICHAEL T. DALY, EDGAR J. LEVEY, Deputy Comptrollers.

## Auditing Bureau.

JOHN F. GOULDSBURY, First Auditor of Accounts, Borough of Manhattan.  
EDWARD J. CONNELL, Auditor of Accounts, Borough of The Bronx.

WILLIAM McKINNY, First Auditor of Accounts Borough of Brooklyn.

FRANCIS R. CLAIR, Auditor of Accounts, Borough of Queens.

WALTER H. HOLT, Auditor of Accounts, Borough of Richmond.

Bureau for the Collection of Assessments and Arrears.

EDWARD GILON, Collector of Assessments and Arrears, Borough of Manhattan.

JOHN KELLEHER, Deputy Collector of Assessments and Arrears, Borough of Manhattan.

JAMES E. STANFORD, Deputy Collector of Assessments and Arrears, Borough of The Bronx.

MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.

JOHN F. ROGERS, Deputy Collector of Assessments and Arrears, Borough of Queens.

GEORGE BRAND, Deputy Collector of Assessments and Arrears, Borough of Richmond.

## Bureau for the Collection of Taxes.

DAVID E. AUSTEN, Receiver of Taxes.

JOHN J. McDONOUGH, Deputy Receiver of Taxes, Borough of Manhattan.

JOHN B. UNDERHILL, Deputy Receiver of Taxes, Borough of The Bronx.

JAMES E. BOUCK, Deputy Receiver of Taxes, Borough of Brooklyn.

FREDERICK W. BLECKWENN, Deputy Receiver of Taxes, Borough of Queens.

MATTHEW S. JULY, Deputy Receiver of Taxes, Borough of Richmond.

Bureau for the Collection of City Revenue and of Markets.

DAVID O'BRIEN, Collector of City Revenue and Superintendent of Markets.

ALEXANDER MEAKIN, Clerk of Markets.

## Bureau of the City Chamberlain.

PATRICK KEENAN, City Chamberlain.

JOHN H. CAMPBELL, Deputy Chamberlain.

## Office of the City Paymaster.

No. 83 Chambers street and No. 55 Reade street  
JOHN H. TIMMERMAN, City Paymaster.

## BOARD OF PUBLIC IMPROVEMENTS.

Nos. 13 to 21 Park Row, 18th floor, 9 A. M. to 4 P. M.  
Saturdays, 9 A. M. to 12 M.

MAURICE F. HOLAHAN, President.

JOHN H. MOONEY, Secretary.

## Department of Highways.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.

JAMES P. KRATING, Commissioner of Highways.

WILLIAM N. SHANNON, Deputy for Manhattan.

THOMAS R. FARRELL, Deputy for Brooklyn.

JAMES H. MALONEY, Deputy for Bronx.

JOHN P. MADDEN, Deputy for Queens.

HENRY P. MORRISON, Deputy and Chief Engineer for Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

## Department of Sewers.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.

JAMES KARR, Commissioner of Sewers.

MATTHEW F. DONOHUE, Deputy for Manhattan.

THOMAS J. BYRNES, Deputy for Bronx.

WILLIAM BRENNAN, Deputy for Brooklyn.

MATTHEW J. GOLDNER, Deputy Commissioner Sewers, Borough of Queens.

HENRY P. MORRISON, Deputy Commissioner and Chief Engineer of Sewers, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

## Department of Bridges.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JOHN L. SHERA, Commissioner.

THOMAS H. YORK, Deputy.

SAMUEL R. PROBANCO, Chief Engineer.

MATTHEW H. MOORE, Deputy for Bronx.

HARRY BEAM, Deputy for Brooklyn.

JOHN E. BACKUS, Deputy for Queens.

## Department of Water Supply.

Nos. 19 to 21 Park Row, 9 A. M. to 4 P. M.

WILLIAM DALTON, Commissioner of Water Supply.

JAMES H. HANLIN, Deputy Commissioner.

GEORGE W. BIRDSALL, Chief Engineer.

W. G. BYRNE, Water Register.

JAMES MOFFETT, Deputy Commissioner, Borough of Brooklyn, Municipal Building.

WILLIAM RANQUIN, Jr., Deputy Commissioner, Borough of Queens, Long Island City.

THOMAS J. MULLIGAN, Deputy Commissioner, Borough of The Bronx, Crotona Park Building.

HENRY P. MORRISON, Deputy Commissioner, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York avenue, New Brighton, S. I.

## Department of Street Cleaning.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.

JAMES McCARTNEY, Commissioner.

F. M. GIBSON, Deputy Commissioner for Borough of Manhattan, No. 346 Broadway.

PATRICK H. QUINN, Deputy Commissioner for Borough of Brooklyn, Room 37 Municipal Building.

JOSEPH LIBERTZ, Deputy Commissioner for Borough of The Bronx, No. 625 East One Hundred and Fifty-second street.

JOHN P. MADDEN, Deputy Commissioner for Borough of Queens, Municipal Building, Long Island City.

## Department of Buildings, Lighting and Supplies.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.

HENRY S. KEARNY, Commissioner of Public Buildings, Lighting and Supplies.

PETER J. DOOLING, Deputy Commissioner for Manhattan.

GEO. BEST, Deputy Commissioner for The Bronx.

WILLIAM WALTON, Deputy Commissioner for Brooklyn.

JOEL FOWLER, Deputy Commissioner for Queens.  
EDWARD I. MILLER, Deputy Commissioner for Richmond.

## LAW DEPARTMENT.

Office of Corporation Counsel.

Staats-Zeitung Building, 3d and 4th floors 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

JOHN WHALEN, Corporation Counsel.

THEODORE CONNOLLY, W. W. LADD, Jr., CHARLES BLANDY, Assistants.

WILLIAM J. CARR, Assistant Corporation Counsel for Brooklyn.

Bureau for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.

JAMES C. SPENCER, Assistant Corporation Counsel.

## Bureau for the Recovery of Penalties.

Nos. 110 and 121 Nassau street.

ADRIAN T. KIERNAN, Assistant Corporation Counsel.

## Bureau of Street Openings.

Nos. 90 and 92 West Broadway.

JOHN P. DUNN, Assistant to Corporation Counsel.

## POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.

BERNARD J. YORK, President of the Board; JOHN B. SEXTON, JACOB HESS, HENRY E. ABELL, Commissioners.

## DEPARTMENT OF PUBLIC CHARITIES.

Central Office.

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M.

JOHN W. KELLER, President of the Board; Commissioners of Manhattan and Bronx.

THOMAS S. BRENNAN, Deputy Commissioner.

ADOLPH SIMS, Jr., Commissioner for Brooklyn and Queens, Nos. 126 and 128 Livingston street, Brooklyn.

EDWARD GILMER, Deputy Commissioner.

JAMES FERNY, Commissioner for Richmond, Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M.

Out-door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M.

## DEPARTMENT OF CORRECTION.

Central Office.

No. 148 East Twentieth street, 9 A. M. to 4 P. M.

FRANCIS J. LANTY, Commissioner.

N. O. FANNING, Deputy Commissioner.

JAMES J. KIRWIN, Deputy Commissioner for Boroughs of Brooklyn and Queens.

## FIRE DEPARTMENT.

Office hours for all, except



**MUNICIPAL CIVIL SERVICE COMMISSION.**  
Criminal Court Building, Centre street, between Franklin and White streets, 9 A. M. to 4 P. M.  
CHARLES H. KNOX, President; ALEXANDER T. MASO and WILLIAM N. DYKMAN, Commissioners.  
LEE PHILLIPS, Secretary.

**BOARD OF ASSESSORS.**  
Office, No. 320 Broadway, 9 A. M. to 4 P. M.  
EDWARD CAHILL, THOMAS A. WILSON, EDWARD McCUR, PATRICK M. HAVERTY and JOHN B. MEYENBORG, Board of Assessors; WILLIAM H. JASPER, Secretary.

**DEPARTMENT OF EDUCATION.**  
**BOARD OF EDUCATION.**  
No. 146 Grand street, Borough of Manhattan, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.  
JOSEPH J. LITTLE, President; A. EMERSON PALMER, Secretary.

**School Board for the Boroughs of Manhattan and The Bronx.**  
No. 146 Grand street, Borough of Manhattan.  
JOSEPH J. LITTLE, President; ARTHUR McMULLEN, Secretary.

**School Board for the Borough of Brooklyn.**  
No. 131 Livingston street, Brooklyn.  
CHARLES E. ROBERTSON, President; GEORGE BROWN, Secretary.

**School Board for the Borough of Queens.**  
Flushing, L. I.  
F. DE HAAS SIMONSON, President; JOSEPH H. PATRICK, Secretary.

**School Board for the Borough of Richmond.**  
Stapleton, Staten Island.  
JOHN T. BURKE, President; FRANKLIN C. VITT, Secretary.

**SHERIFF'S OFFICE.**  
Stewart Building, 9 A. M. to 4 P. M.  
THOMAS J. DUNN, Sheriff; HENRY P. MULVANY, Under Sheriff.

**SHERIFF'S OFFICE, KINGS COUNTY.**  
County Court-house, Brooklyn.  
FRANK D. CHAMBER, Sheriff; WILLIAM J. BOGENSHUTZ, Under Sheriff.

**SHERIFF'S OFFICE, QUEENS COUNTY.**  
County Court-house, Long Island City, 9 A. M. to 4 P. M.  
WILLIAM CAS BAKER, Sheriff; WILLIAM METHVEN, Under Sheriff.

**SHERIFF'S OFFICE, RICHMOND COUNTY.**  
County Court-house, Richmond, S. I., 9 A. M. to 4 P. M.  
AUGUSTUS ACKER, Sheriff.

**REGISTER'S OFFICE.**  
East side City Hall Park, 9 A. M. to 4 P. M.  
ISAAC FROMME, Register; JOHN VON GLAHN, Deputy Register.

**REGISTER, KINGS COUNTY.**  
Hall of Records. Office hours, 9 A. M. to 4 P. M., excepting months of July and August, then from 9 A. M. to 2 P. M., provided for by statute.  
HENRY F. HAGGERTY, Register.  
WILLIAM BARRE, Deputy Register.

**COMMISSIONER OF JURORS.**  
Room 127 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
CHARLES WELDE, Commissioner; JAMES E. CONNER, Deputy Commissioner.

**SPECIAL COMMISSIONER OF JURORS.**  
No. 111 Fifth avenue.  
H. W. GRAY, Commissioner.

**COMMISSIONER OF JURORS, KINGS COUNTY.**  
3 Court-house.  
WILLIAM A. FURRY, Commissioner.

**SPECIAL COMMISSIONER OF JURORS, KINGS COUNTY.**  
No. 325 Fulton street.  
EDWARD J. DOOLEY, Commissioner.

**COMMISSIONER OF JURORS, QUEENS COUNTY.**  
EDWARD J. KNAUER, Commissioner.

**COMMISSIONER OF JURORS, RICHMOND COUNTY.**  
CHARLES J. KULLMAN, Commissioner.  
J. HOWARD VAN NAME, Deputy.

**NEW YORK COUNTY JAIL.**  
No. 70 Ludlow street, 9 A. M. to 4 P. M.  
PATRICK H. PICKETT, Warden.

**COUNTY CLERK'S OFFICE.**  
Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.  
WILLIAM SOMMER, County Clerk.  
GEORGE H. FAHRBACH, Deputy.

**KINGS COUNTY CLERK'S OFFICE.**  
Hall of Records, Brooklyn, 9 A. M. to 4 P. M.  
WILLIAM P. WUEST, County Clerk.  
WILLIAM J. LYNCH, Deputy.

**QUEENS COUNTY CLERK'S OFFICE.**  
Jamaica, N. Y., Fourth Ward, Borough of Queens.  
Office hours, 8 A. M. to 5 P. M.; Saturdays, 8 A. M. to 12 M.  
JOHN H. SUTPHIN, County Clerk.  
CHARLES DOWNING, Deputy County Clerk.

**RICHMOND COUNTY CLERK'S OFFICE.**  
County Office Building, Richmond, S. I., 9 A. M. to 4 P. M.  
JOSEPH SIMONSON, County Clerk.  
CROWELL M. CONNER, Deputy.

**NEW EAST RIVER BRIDGE COMMISSION.**  
Commissioners' Office, Nos. 49 and 51 Chambers street, New York, 9 A. M. to 4 P. M.  
LEWIS NIXON, President; JAMES W. BOYLE, Vice-President; JAMES D. BELL, Secretary; JULIAN D. FAIRCHILD, Treasurer; JOHN W. WEBER, SMITH E. LANE and THE MAYOR, Commissioners.  
Chief Engineer's Office, No. 84 Broadway, Brooklyn, E. D., 9 A. M. to 5 P. M.

**DISTRICT ATTORNEY.**  
New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.  
ASA BIRD GARDINER, District Attorney; WILLIAM J. McKENNA, Chief Clerk.

**KINGS COUNTY DISTRICT ATTORNEY.**  
Office, County Court-house, Borough of Brooklyn.  
Hours, 9 A. M. to 4 P. M.  
HIRAM R. STEELE, District Attorney; ARTHUR H. WALKLEY, Chief Clerk.

**QUEENS COUNTY DISTRICT ATTORNEY.**  
GEORGE W. DAVISON, District Attorney.

**RICHMOND COUNTY DISTRICT ATTORNEY.**  
Fort Richmond, S. I.  
EDWARD S. RAWSON, District Attorney.

**CORONERS.**  
Borough of Manhattan.  
Office, New Criminal Court Building. Open at all times of day and night.  
EDWARD T. FITZPATRICK, JACOB E. BAUSCH, EDWARD W. HART, ANTONIO ZUCCA.

Borough of The Bronx.  
ANTHONY MCOWEN, THOMAS M. LYNCH.

Borough of Brooklyn.  
ANTHONY J. BURGER, GEORGE W. DELAP.

Borough of Queens.  
PHILIP T. CROMIN, DR. SAMUEL S. GUY, JR., LEONARD ROUFF, JR., JAMAICA, L. I.

Borough of Richmond.  
JOHN SEAYER, GEORGE C. TRANTER.

**SURROGATE'S COURT.**  
New County Court-house. Court opens at 10.30 A. M.; adjourns 4 P. M.  
FRANK T. FITZGERALD, JAMES M. VARNUM, Surrogates; WILLIAM V. LEARY, Chief Clerk.

**CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.**  
Room 58, Schermerhorn Building, No. 96 Broadway.  
Meetings, Mondays, Wednesdays and Fridays, at 3 P. M.  
WILLIAM E. STILLINGS, Chairman; WARREN W. FONTER, CHARLES A. JACKSON, Commissioners.  
LAMONT McLOUGHLIN, Clerk.

**CITY MAGISTRATES' COURTS.**  
Courts open from 9 A. M. until 4 P. M.  
**City Magistrates:** HENRY A. BRANN, ROBERT C. CORNELL, LEWIS B. CRANE, JOSEPH M. DEWIL, CHARLES A. FLAMMER, LORENZ ZELLER, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, JOHN B. MAYO, EDWARD HOGAN, W. H. OLMSTAD.  
LUDWIG F. THOMA, Secretary.  
First District—Criminal Court Building.  
Second District—Jefferson Market.  
Third District—No. 60 Essex street.  
Fourth District—Fifty-seventh street, near Lexington avenue.  
Fifth District—One Hundred and Twenty-first street southeast corner of Sylvan place.  
Sixth District—One Hundred and Fifty-eighth street and Third avenue.  
Seventh District—Fifty-fourth street, west of Eighth avenue.

**SECOND DIVISION.**  
Borough of Brooklyn.  
First District—No. 318 Adams street. JACOB BRENNER, Magistrate.  
Second District—Court and Butler streets. HENRY BRISTOW, Magistrate.  
Third District—Myrtle and Vanderbilt avenues. CHARLES E. DEAR, Magistrate.  
Fourth District—Nos. 6 and 8 Lee avenue. WILLIAM KRAMER, Magistrate.  
Fifth District—Jewen and Powers streets. ANDREW LEPOIN, Magistrate.  
Sixth District—Gates and Reid avenues. LEWIS R. WORTH, Magistrate.  
Seventh District—No. 31 Grant street, Flatbush. ALFRED E. STREFFS, Magistrate.  
Eighth District—Coney Island. J. LOTT NOSTRAND, Magistrate.

Borough of Queens.  
First District—Nos. 21 and 23 Jackson avenue, Long Island City. MATTHEW J. SMITH, Magistrate.  
Second District—Flushing, Long Island. LUKS J. CONNORTON, Magistrate.  
Third District—Far Rockaway, Long Island. EDMUND J. HEALY, Magistrate.

Borough of Richmond.  
First District—New Brighton, Staten Island. JOHN CROAK, Magistrate.  
Second District—Stapleton, Staten Island. NATHANIEL MARSH, Magistrate.  
Secretary to the Board, FRANK J. GARDNER, Myrtle and Vanderbilt avenues, Borough of Brooklyn.

**KINGS COUNTY SURROGATE'S COURT.**  
County Court-house, Brooklyn.  
GEORGE R. ABBOTT, Surrogate; MICHAEL F. MCGOLDRICK, Chief Clerk.

**COUNTY JUDGE AND SURROGATE.**  
County Office Building, Richmond, S. I.  
STEPHEN D. STEVENS, County Judge.

**KINGS COUNTY TREASURER.**  
Court-house, Room 14.  
JOHN W. KIMBALL, Treasurer; THOMAS F. FARRELL, Deputy Treasurer.

**THE COMMISSIONERS OF RECORDS.**  
Kings County—Room 7, Hall of Records.  
GEORGE E. WALDO, Commissioner.  
FRANK M. THORNBURN, Deputy Commissioner.

**EXAMINING BOARD OF PLUMBERS.**  
Rooms 14, 15 and 16 Nos. 149 to 151 Church street.  
President, JOHN RENHART; Secretary, JAMES E. MCGOVERN; Treasurer, EDWARD HALBY, HORACE LOOVIS, P. J. ANDREWS, ex-officio.  
Meet every Monday, Wednesday and Friday at 2 P. M.

**SUPREME COURT.**  
County Court-house, 10.30 A. M. to 4 P. M.  
Special Term, Part I., Room No. 2.  
Special Term, Part II., Room No. 15.  
Special Term, Part III., Room No. 19.  
Special Term, Part IV., Room No. 11.  
Special Term, Part V., Room No. 23.  
Special Term, Part VI., Room No. 21.  
Special Term, Part VII., Room No. 25.  
Special Term, Part VIII., Room No. 34.  
Trial Term, Part I., Room No. 16.  
Trial Term, Part II., Room No. 17.  
Trial Term, Part III., Room No. 18.  
Trial Term, Part IV., Room No. 32.  
Trial Term, Part V., Room No. 31.  
Trial Term, Part VI., Room No. 30.  
Trial Term, Part VII., Room No. 34.  
Trial Term, Part VIII., Room No. 23.  
Trial Term, Part IX., Room No. 22.  
Naturalization Bureau, Room No. 26.

**Justices—ABRAHAM R. LAWRENCE, CHARLES H. TRUAX, CHARLES F. MACLEAN, FREDERICK SWYTH, JAMES FITZGERALD, MILES BEACH, DAVID LEVENTRITT, LEONARD A. GRIGG, HENRY W. BOOKSTAVEN, HENRY BISCHOFF, JR., JOHN J. FRIEDMAN, GEORGE P. ANDREWS, P. HENRY DUGRO, DAVID MCADAM, HENRY R. BREKMAN, HENRY A. GILDERSLEEVE, FRANCIS M. SCOTT, WILLIAM SOMMER, Clerk.**

## CITY COURT.

Brown-stone Building, City Hall Park.  
General Term.  
Trial Term, Part I.  
Part II.  
Part III.  
Part IV.  
Special Term Chambers will be held 10 A. M. to 4 P. M.  
Clerk's Office, Brown-stone Building, No. 32 Chambers street, 9 A. M. to 4 P. M.  
JAMES M. FITZSIMONS, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER, JOHN P. SCHUCHMAN and THORODOR F. HASCALL, Justices. THOMAS F. SMITH, Clerk.

**APPELLATE DIVISION, SUPREME COURT.**  
Court-house, No. 111 Fifth avenue, corner Eighteenth street. Court opens at 1 P. M.  
CHARLES H. VAN BRUNT, Presiding Justice; GEORGE C. BARRETT, CHESTER B. McLAUGHLIN, EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAM, WILLIAM RUMSEY, Justices. ALFRED WAGSTAFF, Clerk. WILLIAM LAMB, JR., Deputy Clerk.

**COURT OF GENERAL SESSIONS.**  
Held in the building for Criminal Courts, Centre Elm, White and Franklin streets. Court opens at 11 o'clock.  
RUFUS B. COWING, City Judge; JOHN W. GOFF, Recorder; JOSEPH E. NEWBURGER, MARTIN T. McMAHON and JAMES A. BLANCHARD, Judges of the Court of General Sessions. EDWARD R. CARROLL, Clerk.  
Clerk's office open from 10 A. M. to 4 P. M.

**Supreme Court, Part I., Criminal Trial Term.**  
Held in the building for Criminal Courts. Court opens at 10.30 A. M.  
EDWARD R. CARROLL, Clerk. Hours from 10 A. M. to 4 P. M.

**CRIMINAL DIVISION, SUPREME COURT.**  
New Criminal Court Building, Centre street. Court opens at 10.30 o'clock A. M.  
EDWARD R. CARROLL, Clerk. Hours from 10 A. M. to 4 P. M.

**COUNTY COURT, KINGS COUNTY.**  
County Court-house, Brooklyn.  
JOSEPH ASPINALL and WM. B. HURD, JR., County Judges.  
CHARLES V. VAN DOREN, Chief Clerk.

**QUEENS COUNTY COURT.**  
County Court-house, Long Island City.  
HARRISON S. MOORE, County Judge.

**COURT OF SPECIAL SESSIONS.**  
Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Court opens at 10 A. M.  
**Justices:** First Division—ELIZUR B. HINSDALE, WILLIAM TRAVERS JEROME, EPHRAIM A. JACOB, JOHN B. McKEAN, WILLIAM C. HULBROOK, WILLIAM M. FULLER, Clerk; JOSEPH H. JONES, Deputy Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.  
Second Division—Trial days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.  
**Justices:** JOHN COURTNEY, HOWARD J. FORKER, PATRICK KRAZY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; CHARLES F. WOLZ, Deputy Clerk.  
Clerk's office, Borough Hall, Borough of Brooklyn open from 9 A. M. to 4 P. M.

## MUNICIPAL COURTS.

Borough of Manhattan.  
First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands, New County-house, No. 128 Prince street, corner of Wooster street.  
WAHOPE LYNN, Justice. FRANK L. BACON, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.  
HERMANN BOLTE, Justice. FRANCIS MANGIN, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily, and remains open to close of business.  
GEORGE F. ROESCH, Justice. JOHN E. LYNCH, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.  
HENRY M. GOLDFOGLE, Justice.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily, and continues open to close of business.  
DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.

Seventh District—Nineteenth Ward. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.  
HERMAN JOSEPH, Justice. PATRICK McDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 9 A. M. and continues open to close of business.  
Clerk's office open from 9 A. M. to 4 P. M. each Court day.

Trial days, Wednesdays, Fridays and Saturdays. Return days Tuesdays, Thursdays and Saturdays.  
JOSEPH H. STINER, Justice. THOMAS COSTIGAN, Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox avenue, Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner

of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

Clerk's office open daily from 9 A. M. to 4 P. M.  
Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Fifty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 318 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
JAMES A. O'GORMAN, Justice. JAMES J. GALLIGAN, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted) from 10 A. M. to 4 P. M.  
FRANCIS J. WORCESTER, Justice. ADOLPH N. DUMAHAUT, Clerk.

Borough of The Bronx.  
First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
WILLIAM W. PENFIELD, Justice. JOHN N. STEWART, Clerk.

Second District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.  
JOHN M. TIERNY, Justice. HOWARD SPEAR, Clerk.

Borough of Brooklyn.  
First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.  
JACOB NEW, Justice. EDWARD MORAN, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.  
Second District—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 794 Broadway, Brooklyn.  
GERARD E. VAN WART, Justice. WILLIAM H. ALLEN, Chief Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.  
WILLIAM SCHNITZPAHN, Justice. CHARLES A. CONRADY, Clerk.  
Clerk's office open from 9 A. M. until 4 P. M. Court opens at 10 o'clock.

Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.  
ADOLPH H. GOTTFELD, Justice. HERMAN GOHLINGHORST, Clerk; JAMES P. SINNOTT, Assistant Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.  
Fifth District—Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-room on Bath avenue and Bay Twenty-second street, Bath Beach.  
CORNELIUS FURGUSON, Justice. JEREMIAH J. O'LEARY, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Borough of Queens.  
First District—First Ward of all of Long Island City, formerly composing five Wards. Court-room Queens County Court-house (located temporarily).  
THOMAS C. KADIN, Justice. THOMAS F. KENNEDY, Clerk.  
Clerk's office open from 9 A. M. to 4 P. M. each week day. Court held each day, except Saturday.

Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room in Court-house of late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, New York.  
WILLIAM T. MONTEVERDE, Justice. HENRY WALTER, Jr., Clerk.  
Clerk's office open from 9 A. M. to 4 P. M.

Third District—JAMES F. McLOUGHLIN, Justice; GEO. W. DAMON, Clerk.  
Court-house, Town Hall, Jamaica.

Borough of Richmond.  
First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.  
JOHN J. KENNEY, Justice. FRANCIS F. LEMAN, Clerk.  
Court office open from 9 A. M. to 4 P. M. Court held each day, except Saturday, from 10 A. M.  
Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.  
ALBERT RYNAUD, Justice. PETER TIERNAN, Clerk.  
Court office open from 9 A. M. to 4 P. M. Court held each day from 10 A. M., and continues until close of business.

## BOROUGH OF THE BRONX.

BOROUGH OF THE BRONX.  
OFFICE OF THE PRESIDENT OF THE BOROUGH,  
MUNICIPAL BUILDING, CROTONA PARK,  
177TH STREET AND THIRD AVENUE.

HEREBY GIVE NOTICE THAT ANOTHER hearing will be given by the Local Board, Twenty-first District Borough of the Bronx, on petition for sewer in Broadway, from the city line to Riverdale avenue; thence through Exterior street to East One Hundred and Ninety-second street, and through East One Hundred and Ninety-second street to the Harlem river, on November 16, 1899, at 2 P. M., at the office of the President of the Borough of the Bronx, Municipal Building, Crotona Park (One Hundred and Seventy-seventh street and Third avenue).  
Dated NOVEMBER 8, 1899.

LOUIS F. HAFFEN,  
President.

## DEPARTMENT OF WATER SUPPLY.

DEPARTMENT OF WATER SUPPLY,  
COMMISSIONER'S OFFICE,  
NEW YORK, November 8, 1899.

## NOTICE OF SALE AT PUBLIC AUCTION.

ON THURSDAY, NOVEMBER 23, 1899, AT 11 o'clock A. M., the Department of Water Supply will sell at public auction, to the highest bidder, by Messrs. Peter F. Meyer & Co., Auctioneers, at the Department Pipe Yard, foot of East Twenty-fourth street, Borough of Manhattan.  
About 100 tons of old cast-iron.  
5 tons of old wrought-iron and steel.  
500 pounds of old composition metal.

TERMS OF SALE.  
Cash payment in bankable funds at the time and place of sale. Bidders must name a price per ton for the old



cast-iron, wrought-iron and steel, and a price per pound for the old composition metal. No bid will be received except for the entire lot of iron, steel and composition metal. The purchaser must remove all the material from the Pipe Yard with thirty days after the sale, otherwise he will forfeit the money paid at the time of sale, and the ownership to the material, which will thereafter be resold for the benefit of the City. The purchaser must remove the material as directed by the officer of the Department in charge at the Pipe Yard, and will not be allowed to select material for removal at will.

WM. DALTON,  
Commissioner of Water Supply.

### POLICE DEPARTMENT.

PROPERTY CLERK'S OFFICE,  
POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
Room 9, No. 400 MULBERRY STREET,  
NEW YORK, October 31, 1899.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the following horses will be sold at public auction, at the salesrooms of Messrs. Van Tassel & Kearney, No. 130 East Thirteenth street, on

**FRIDAY, NOVEMBER 17, 1899,**

at 10 A. M.  
Thirtieth Precinct—  
"Reuben," No. 74.  
Forty-fourth Precinct—  
"Jim," No. 244.  
Fifty-third Precinct—  
"Prince," No. 276.  
"Jim," No. 267.  
Fifty-eighth Precinct—  
"Coney," No. 284.  
Fifty-fifth Precinct—  
"Jim," No. 279.  
Sixty-fourth Precinct—  
"Roach," No. 300.  
"Poke," No. 301.  
Thirty-fourth Precinct—  
"Dick," No. 27.  
"Jumbo," No. 148.  
Thirty-seventh Precinct—  
"John," No. 176.  
Thirty-ninth Precinct—  
"Jim," No. 196.  
Fortieth Precinct—  
"George," No. 207.  
"Jack," No. 212.  
Fifty-third Precinct—  
"Dan," No. 270.  
Sixty-sixth Precinct—  
"Pa. 1," No. 332.  
Sixty-eighth Precinct—  
"Hot Stuff," No. 323.  
Seventy-first Precinct—  
"Billy," No. 311.  
By order of the Board of Police,  
ANDREW J. LALOR,  
Property Clerk.

**POLICE DEPARTMENT—CITY OF NEW YORK, 1899.**  
**OWNERS WANTED BY THE PROPERTY** Clerk of the Police Department of The City of New York, No. 400 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boots, shoes, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

ANDREW J. LALOR,  
Property Clerk.

**POLICE DEPARTMENT—CITY OF NEW YORK, 1899.**  
**OWNERS WANTED BY THE DEPUTY PROPERTY** Clerk of the Police Department of The City of New York—Office, Municipal Building, Borough of Brooklyn—for the following property now in his custody without claimants: Boots, shoes, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

CHARLES D. BLATCHFORD,  
Deputy Property Clerk

### DEPARTMENT OF EDUCATION.

**SEALED PROPOSALS FOR CONVEYING** pupils to and from the schools in the **Borough of Queens** on every school-day, beginning November 16, 1899, or as soon as practicable thereafter, to and including December 22, 1899, will be received by the Committee on Supplies of the Board of Education, at the Hall of the Board, No. 146 Grand street, until the

**17TH DAY OF NOVEMBER, 1899,**

at 4 P. M.  
For terms of contract and for information as to further requirements, inquire of the Superintendent of School Supplies, No. 146 Grand street, or the Superintendent of Schools, Borough of Queens, Morris Building, Flushing, N. Y.  
The Committee reserves the right to reject any or all bids, it deemed for the public interest.

Dated New York, November 3, 1899.  
THADDEUS MORIARTY,  
JOHN GRIFFIN, M. D.,  
JOSEPH J. KITTEL,  
GEORGE LIVINGSTON,  
WALDO H. RICHARDSON, M. D.,  
Committee on Supplies.

**SEALED PROPOSALS WILL BE RECEIVED** by the Committee on Buildings of the Board of Education of The City of New York, at the Hall of the Board, No. 146 Grand street, Borough of Manhattan, until 4 o'clock P. M. on

**MONDAY, NOVEMBER 20, 1899,**

for Heating and Ventilating Apparatus and Electric-lighting Plant for Public School 30, Borough of Brooklyn.

Dated Borough of Manhattan, November 9, 1899.  
RICHARD H. ADAMS,  
CHARLES E. ROBERTSON,  
GEORGE LIVINGSTON,  
JOHN T. BURKE,  
MILES M. O'BRIEN,  
F. DE HASS SIMONSON,  
JOHN R. THOMPSON,  
Committee on Buildings.

**SEALED PROPOSALS WILL BE RECEIVED** by the Committee on Buildings of the Board of Education of The City of New York, at the Hall of the Board, No. 146 Grand street, Borough of Manhattan, until 4 o'clock P. M. on

**MONDAY, NOVEMBER 13, 1899,**

for erecting New Public School 122, Borough of Brooklyn; also for erecting New Public School 6, Borough of Richmond.

**PLANS AND SPECIFICATIONS** may be seen, and blank proposals obtained, at the Annex of the Hall of the Board of Education, Estimating Room, Nos. 419 and 421 Broome street, Borough of Manhattan.

The attention of bidders is expressly called to the time stated in the contract within which the work must be completed. They are expressly notified that the successful bidder will be held strictly to completion within said time.

The Committee reserves the right to reject any or all of the proposals submitted.

The party submitting a proposal and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required when the amount of the bid is less than two thousand dollars. Whenever the bid exceeds two thousand dollars the surety for the performance of the contract shall be a fidelity or surety company authorized to transact business by the laws of the State of New York, and authorized to become surety on such contract by a resolution of its Board of Directors.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

It is required, as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National Banks or Trust Companies of The City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when such proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the said Board will return all the deposits of checks and certificates of deposit made to the persons making the same, except that made by the person or persons whose bid has been accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of The City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

Dated BOROUGH OF MANHATTAN, October 31, 1899.

RICHARD H. ADAMS,  
CHARLES E. ROBERTSON,  
GEORGE LIVINGSTON,  
JOHN T. BURKE,  
MILES M. O'BRIEN,  
F. DE HASS SIMONSON,  
JOHN R. THOMPSON,  
Committee on Buildings

### CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

**PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 727 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in The City of New York, or otherwise," and the acts amendatory thereof and supplemental thereto, notice is hereby given that public meetings of the Commissioners appointed pursuant to said acts, will be held at Room 58, Schermerhorn Building, No. 96 Broadway, in The City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.**

Dated New York, April 17, 1899.  
WILLIAM F. STILLINGS,  
WARREN W. FOSTER,  
CHARLES A. JACKSON,  
Commissioners.  
LAMONT McLOUGHLIN,  
Clerk.

### DEPARTMENT OF CORRECTION

DEPARTMENT OF CORRECTION—CITY OF NEW YORK,  
BOROUGH OF MANHATTAN AND BRONX,  
October 30, 1899.

**PROPOSALS FOR MISCELLANEOUS ARTICLES TO BE DELIVERED AT ONCE.**

**SEALED BIDS OR ESTIMATES FOR FURNISHING** Miscellaneous Articles, in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in The City of New York, until 11 A. M.,

**THURSDAY, NOVEMBER 16, 1899.**

All goods to be delivered on dock (foot of East Twentieth street) for Blackwell's Island Storehouse, free of all expense, and quantities allowed as received there.

REQUISITION NO. 11, 1899.

Workhouse.

20. 1 gross Flat Lamp Wick, 1 inch by 7 inches.
21. 10 pounds Chrome Green in Oil.
22. 1 barrel Whiting.
23. 1 barrel Raw Linseed Oil.
24. 5 gallons Japan Dryer.
25. 10 gallons Inside Varnish.
26. 2 boxes Glass, 10 inches by 12 inches.
27. 2 boxes Glass, 10 inches by 14 inches.
28. 1 roll White Marbleized Table Cloth.
29. 5 yards Oiled Mullin.
30. 6-12 dozen Compass Saws, 12-inch blade.
31. 2 dozen Fore Planes, No. 610.
32. 2-12 dozen Cherry Plumbs and Levels, 24 inches long, No. 1894.
33. 6-12 Mattress Needles, point and eye at each end.
34. 2 dozen Lamp Chimneys (as sample).
35. 12 dozen Argand Chimneys.
36. 6-12 dozen Argand Porcelain Shades.
37. 3 pounds Fine Pulverized Borax.
38. 6-12 dozen Colored Cotton Masons' Lines.
39. 1 pound Copper Rivets with Burrs, 7/8 inch, No. 10.
40. 3 dozen Stove Pipe Dampers, 1 dozen each 4 inches, 5 inches, 6 inches.
41. 100 pieces Yellow Pine Flooring, 3 1/2 inches wide.
42. 20 pieces 1 inch Clear White Pine, 12 inches by 16 feet, dressed both sides.
43. 15 pieces 1 1/2 inch Clear White Pine, 12 inches by 16 feet, dressed both sides.
44. 6 pieces 1-inch Clear White Wood, 12 inches by 16 feet, dressed both sides.
45. 25 pieces Shelving, 12 inches by 16 feet.
46. 25 pieces Pine Roofing, 1 inch by 9 1/2 inches, tongued and grooved.
47. 4 Double Pulley Blocks, 4 1/2 inches by 13-16 inches, Fig. 01,2455, Manning, Maxwell & Moore Catalogue.
48. 8 Double Pulley Blocks, 3 inches by 13-16 inches, Fig. 01,2455, Manning, Maxwell & Moore Catalogue.
49. 4 Single Pulley Blocks, 3 inches by 13-16 inches, Fig. 01,2455, Manning, Maxwell & Moore Catalogue.
50. 10 rolls Roofing Felt, 3 ply.
51. 10 pounds Tinned Roofing Nails.
52. 2 gross Screws, 1 gross 1 1/4-14, 1 gross 1 1/2-14.

Penitentiary.

66. 1 10-inch Monkey Wrench.
67. 1 Foot-power Shoe-cyclet Machine.
68. 1 Piece Camwood.

70. 1 gallon pure Alcohol.
71. 1 Plough No. 19, Six Shears (Woodhouse).
72. 1 Plough No. 20, Six Shears (Woodhouse).
73. 200 Flower Pots, 6 inches by 6 inches.
74. 200 Flower Pots, 8 inches by 8 inches.
75. 3 boxes Glass, 9 inches by 12 inches.
76. 5 boxes Glass, 6 inches by 8 inches.
77. 1 barrel Whiting.
78. 20 gallons Raw Oil.
79. 1 whole font Belle Script.
80. 36 A Lower Case, Font No. 2, 24 Point.
81. 1,000 Ground down Needles, 500 No. 6, 500 No. 7, 100 No. 8.
82. 3 barrels raw Linseed Oil.
83. 1 barrel Turpentine.
84. 11 gallons Japan Dryer.
85. 5 gallons Naphtha.
86. 5 gallons Benzine.
87. 5 gallons Crude Oil.
88. 600 pounds Princess Metallic Paint (dry).
89. 2 boxes Glass, 12 inches by 22 inches (double thick).
90. 1 gross 1/2 inch Gas Tips.
91. 1 gross Gas Burners.
92. 2 rolls Stove Pipe Wire, No. 18.
93. 60 feet 4-inch Extra Heavy Sewer Pipe.
94. 6 4 inches by 4 inches 4-inch Extra Heavy Y's.
95. 4 inches by 2 inches 2-inch Extra Heavy Reducers.
96. 6 1/2 4-inch Extra Heavy Bends.
97. 2 4-inch Extra Heavy Water Bends.
98. 10 lengths Extra Heavy 2-inch Pipe.
99. 4 1/2 2-inch Extra Heavy Bends.
100. 6 boxes Lead Plate Roofing Tin, 14 by 20.
101. 1 Hydraulic Ground Lifting Jack to lift 12 tons.
102. 1 Hydraulic Jack to be repaired.
103. 40 Spruce Boards, 12 inches by 16 feet, dressed both sides.
104. 1 roll 1-inch Iron.
105. 12 1/2-inch Oak Boards, 12 feet long.
106. 12 3/4-inch Oak Boards, 12 feet long.
107. 12 1/2-inch Pine Boards, 12 feet to 16 feet long.
108. 12 3/4-inch Clear White Pine Boards, 16 feet long.
109. 1 dozen Yale Locks.
110. 1 pair Clip Pincers.
111. 5 pounds 1/4 inch long Copper Nails.
112. 3 pounds 2 inch long Copper Nails.
113. 3 packages 1 1/4 inch No. 14 Wire Nails, large heads.
114. 3 packages 1 1/2 inch No. 14 Wire Nails.
115. 5-inch Mortice Locks.
116. 2 28-pound Sledges.
117. 16-pound Sledges.
118. 12-pound Sledges.
119. 1 pair Blocks for 1 1/2 fall for big boat.
120. 1 dozen 10-inch Rail-nail Files.
121. 2 packages 4 inches by 5-15 inch Carriage Bolts.
122. 2 dozen 14-inch F. B. Files.
123. 2 dozen Commodore.
124. 250 yards Seersucker, as per sample.
125. 2 dozen 5-inch Glass Globes for gas jets, plain white.

134. 1 6-inch Monkey Wrench, "Minnahanonck."
135. 3 dozen 3/4 inch Unfinished Bolts, as sample, "Minnahanonck."
136. 2 dozen 3/4 inch Water Gauge Glasses, 12 1/2 inches long, "Strong."
137. 1 dozen 3/4-inch Water Gauge Washers, "Strong."
138. 1 circular piece Sheet Brass, 1-16 inch thick, 17 1/2 inches diameter, "Strong."
139. 1 circular piece Sheet Brass, 1-16 inch thick, 8 1/2 inches diameter, "Strong."
140. 5 gallons Carbolic Acid, "Gilroy."
141. 1 square yard 1/2 Rainbow Packing, "Gilroy."
142. 1 square yard 1-16 Rainbow Packing, "Gilroy."
143. 1 1-inch 3-way Brass Plug Cock, "Gilroy."
144. 1 1-inch Jenkins Bros. Globe Valves, "Gilroy."
145. 2 3/4-inch Jenkins Bros. Globe Valves, "Gilroy."

City Prison.

152. 1 dozen Glass Cutters.
153. 1 dozen Brass Wardrobe Locks.
154. 200 feet Yellow Pine Flooring.

District Prisons.

161. 1 large size Clothes Wringer.
162. 1/2 dozen 1 1/2-inch Unions.
163. 1/2 dozen 1 1/2-inch Elbows.
164. 5 pounds Yellow Ochre in Oil.
165. 1 large Jack Plane.
166. 5 gallons Benzine.
167. 1 gallon Japan Dryer.

Stock.

189. 4 boxes Lemon.
190. 4 kegs 8d. cut Nails.
191. 5 barrels Turpentine.

REQUISITION NO. 10.

Steamer "Wm. L. Strong."

200. 3 Light Iron Gates, to be fitted on Cabin Doors.

REQUISITION NO. 349.

Penitentiary.

201. 300 White Pine Boards, tongued and grooved, 16 feet by 9 1/2 inches.
202. 10 Spruce Joists, 4 inches by 6 inches by 16 feet long.
203. 15 Spruce Joists, 2 inches by 6 inches by 16 feet long.
204. 15 Spruce Joists, 3 inches by 4 inches by 16 feet long.

REQUISITION NO. 357.

Improvement of Riker's Island.

205. 150 Iron Bolts, 2 1/2 inches by 1 1/2 inch.
206. 5 bundles Black Iron No. 24, 24 inches by 84 inches.
207. 1 box Window Glass, 12 inches by 18 inches.
208. 300 Trees for planting out (maple and chestnut).
209. 3 Shaves for a Morris Plough No. 20.
210. 20 pieces clear White Pine, 1 1/2 inches by 12 inches by 16 feet, dressed both sides.
211. 1-3 dozen Eagle Lock Company's Brass Padlocks No. 04043.
212. 2 pair 8 feet Oak Oars.

REQUISITION NO. 371.

Branch Workhouse, Hart's Island.

213. 35 lights Glass, 16 inches by 20 inches.
214. 6 lights Glass, 10 1/2 inches by 17 inches.
215. 24 lights Glass, 9 inches by 11 inches.

SPECIAL REQUISITION NO. 374.

216. 1 Anchor, 350 pounds.
217. 1 Coil 5-inch Manila Bolt Rope.
218. 2 Dietz No. O Star Tubular Lanterns.

SPECIAL REQUISITION NO. 375.

219. 1,000 Dynamite Cartridges, 7/8 inch by 8 inch.
220. 1,000 feet Fuse, slow burning.

No bonds or deposit required on bids under One Thousand Dollars. Awards will be made on the lowest bids.

THE COMMISSIONER OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 419, CHAPTER 378, LAWS OF 1897.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must be known to be engaged in an well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of The City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of The City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the State or National Banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by The City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

Bidders will state the price for each article, by which the bids will be tested.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department; or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

Bidders will write out the amount of their estimates in addition to inserting the same in figures. Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioner may determine. The form of the contract, including specifications, and showing the manner of payment and other details, will be furnished at the office of the Department, No. 148 East Twentieth street, New York City, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner will insist upon its absolute enforcement in every particular.

FRANCIS J. LANTRY,  
Commissioner of Correction.

### DEPARTMENT OF FINANCE.

NOTICE TO PROPERTY OWNERS.

**IN PURSUANCE OF SECTION 208 OF THE** Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS, in the BOROUGH OF BROOKLYN.

**TWENTY-FOURTH WARD.**

**PROSPECT PLACE.—GRADING AND PAVING,** from Brooklyn avenue to Kings avenue. Area of Assessment: Both sides of Prospect place, from Brooklyn avenue to Kings avenue, and to the extent of all the blocks on the terminating avenues; also, lots numbered 37 and 38 of Block No. 88.

**TWENTY-NINTH WARD.**

**AVENUE B.—GRADING AND PAVING,** from Flatbush avenue to Ocean parkway. Area of assessment: Both sides of Avenue B, from Flatbush avenue to Ocean parkway and to the extent of half the blocks on the intersecting and terminating streets and avenues. That the same were confirmed by the Board of Assessors on October 31, 1899, and entered on November 1, 1899, in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 209 of said Greater New York Charter. Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent. per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Arrears at the office of the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of



A. M. and 2 P. M., and on Saturdays from 9 A. M. to 12 M., and all payments made thereon on or before January 2, 1900, will be exempt from interest, as above provided and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIRD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, November 2, 1899.

#### NOTICE OF POSTPONEMENT OF SALE OF LANDS AND TENEMENTS WITHIN THAT PART OF THE CITY OF NEW YORK KNOWN AS THE BOROUGH OF MANHATTAN AND THE BOROUGH OF THE BRONX, FOR UNPAID ASSESSMENTS.

WHEREAS, SECTION 1209 OF THE "Greater New York Charter" authorizes the Comptroller, in his discretion, to postpone any sale for unpaid taxes and assessments; and

Whereas, Many persons desire, and have applied for, a postponement of the sale for unpaid assessments advertised to be held on Wednesday, September 6, 1899; now, therefore, in order to afford all such persons the opportunity to pay the assessments upon their property so advertised to be sold, and thereby avoid the additional expense of redemption of the property if sold, the said sale is hereby ordered to be postponed until Monday, the 4th day of December, 1899, to be held at the same time and place, to wit: at the Court-house, City Hall Park, at 1 o'clock P. M.

BIRD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, September 5, 1899.

#### NOTICE TO TAXPAYERS.

DEPARTMENT OF FINANCE,  
BUREAU FOR THE COLLECTION OF TAXES,  
No. 57 CHAMBERS STREET (STEWART BUILDING),  
NEW YORK, November 1, 1899.

NOTICE IS HEREBY GIVEN TO ALL PERSONS whose taxes for the year 1899 remain unpaid on the 1st day of November of the said year, that unless the same shall be paid to the Receiver of Taxes, at his office in the borough in which the property is located, as follows:

Borough of Manhattan, No. 57 Chambers street, Manhattan, N. Y.  
Borough of The Bronx, corner Third and Tremont avenues, The Bronx, N. Y.  
Borough of Brooklyn, Rooms 2, 4, 6 and 8, Municipal Building, Brooklyn, N. Y.  
Borough of Queens, corner Jackson avenue and Fifth street, Long Island City, N. Y.  
Borough of Richmond, Richmond Building, New Brighton, Staten Island, N. Y.  
—on or before the 1st day of December of said year, he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to the amount of such taxes, one per centum on the amount thereof, as provided by section 916 of the Greater New York Charter (chapter 378, Laws of 1897).

DAVID E. AUSTEN,  
Receiver of Taxes.

PETER F. MEYER, AUCTIONEER.

#### CORPORATION SALE OF REAL ESTATE.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction, on

THURSDAY, NOVEMBER 23, 1899,

at 12 o'clock M., at the Comptroller's Office, No. 280 Broadway, Borough of Manhattan, City of New York, all the right, title and interest of The City of New York, in and to the several parcels of land and premises situated in the County of Westchester, State of New York, being lands heretofore acquired for the purposes of the New Croton Aqueduct, the said several lots and parcels of land being designated and described by the original parcel numbers as shown on the maps filed by the Aqueduct Commissioners under chapter 490, Laws of 1883.

#### SHAFT SITE No. 1.

All those certain lots or parcels of land in the Town of Yorktown, known and described as follows: Parcel No. 865A, an irregular plot of land containing an area of 0.603 acres, adjoining the shaft site and fronting on the public road from Sing Sing to Croton Dam. Easement. Parcels 865B and 866, forming together one plot of land containing a total area of 4.194 acres, fronting on the same public road from Sing Sing to Croton Dam. Easement. Upset price, \$150.

#### SHAFT SITE No. 2.

All those certain lots or parcels of land in the Town of Newcastle, known and described as follows: Parcels Nos. 841 and 841½, forming together an irregular plot of land, containing a total area of 6.961 acres, the northerly side of which is on the line between the Towns of Yorktown and Newcastle. Easement. Upset price, \$200.

#### SHAFT SITE No. 3.

All those certain lots or parcels of land in the Town of Newcastle, known and described as follows: Parcels Nos. 817 and 818, forming together a square plot of land containing a total area of 3.673 acres, near the public road known as the Sing Sing road. Easement. Also parcel No. 820 in the same town, a triangular plot of land fronting on the same public road opposite the shaft site and contained 0.280 acres. Easement. Upset price, \$120.

#### SHAFT SITE No. 4.

All that certain lot or parcel of land in the Town of Ossining, known and described as follows: Parcel 794, an oblong plot of land adjoining the southerly side of the shaft site and containing an area of 5.359 acres, near Mud Hill road to Sing Sing. Easement. Upset price, \$160.

#### SHAFT SITE No. 5.

All those certain lots or parcels of land in the Town of Ossining known and described as follows: Parcels Nos. 771½ and 772, forming together an oblong plot of land containing a total area of 7.293 acres, the easterly side of which is on the New York City and Northern Railroad. The Pocantico river and branches run through the property. No easement. Upset price, \$200.00.

#### SHAFT SITE No. 6.

All that certain lot or parcel of land in the Town of Ossining, known and described as follows: Parcel 750, an oblong plot of land near the Pleasantville road, containing an area of 5.202 acres. Easement. Upset price, \$150.00.

#### SHAFT SITE No. 8.

All those certain lots or parcels of land in the Town of Mount Pleasant, known and described as follows: Parcels No. 712 A, B, C, D, E, F, G, H, I, K, forming together an irregular plot, as shown on the said map, containing a total area of 3.928 acres, including a portion of the present highway on the southerly side of the plot. No easement. Also at the same shaft site, Parcels Nos. 715½, 716½ and 718½, forming together a long oblong plot, containing an area of 3.861 acres, through which the Pocantico river runs, as shown on the said map. No easement. Upset price, \$200.

#### SHAFT SITE No. 16.

All those certain lots or parcels of land in the City of Yonkers, known and described as follows: Parcels Nos. 281 and 282, forming together an oblong plot of land containing a total area of 5.591 acres, through which runs Sprain brook. No easement. Upset price, \$170.

#### TERMS AND CONDITIONS OF SALE.

All the lands to be sold adjoining any one shaft site shall be sold together and shall be considered as one lot.

The highest bidder will be required to pay twenty-five (25) per cent. of the purchase money and the auctioneer's fee on each of such lots of land at the time and place of sale and the balance, seventy-five (75) per cent. upon the delivery of the deeds within thirty (30) days from the date of sale.

The Comptroller may, at his option, resell any lot which may be struck off to the highest bidder, who may

fail to comply with the terms of the sale, and the party who may fail to comply therewith will be held liable for any deficiency that may result from such resale.

The lands on the line of the New Croton Aqueduct will be sold subject to a permanent easement therein by The City of New York, its successors and assigns, for the maintenance and preservation of the Aqueduct underneath the surface of said lands as the same now exists in certain parcels, as noted in the description.

The right to reject any bid is reserved. The maps of the several parcels of property to be sold may be seen upon application at the Comptroller's office, No. 280 Broadway, Room 55, Borough of Manhattan, City of New York.

By order of the Commissioners of the Sinking Fund, under resolution adopted July 31, 1899.

BIRD S. COLER,  
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE, October 20, 1899.

#### PROPOSALS FOR \$4,765,000 OF THREE AND ONE-HALF PER CENT. CORPORATE STOCK OF THE CITY OF NEW YORK.

PRINCIPAL AND INTEREST PAYABLE IN GOLD.

EXEMPT FROM ALL TAXATION IN THE STATE OF NEW YORK, EXCEPT FOR STATE PURPOSES.

EXECUTORS, ADMINISTRATORS, GUARDIANS AND OTHERS HOLDING TRUST FUNDS ARE AUTHORIZED, BY CHAPTER 65 OF THE LAWS OF 1889, TO INVEST IN THIS STOCK.

SEALED PROPOSALS WILL BE RECEIVED BY THE COMPTROLLER OF THE CITY OF NEW YORK, at his office, No. 280 Broadway, in The City of New York, until

THURSDAY, THE 16th DAY OF NOVEMBER, 1899,

at 2 o'clock P. M., when they will be publicly opened in the presence of the Commissioners of the Sinking Fund, or such of them as shall attend, as provided by law, for the whole or a part of the following-described Registered Stock of The City of New York, bearing interest at the rate of three and one-half per cent. per annum, from and including the date of payment therefor, to wit:

AMOUNT.	TITLE.	AUTHORITY.	PRINCIPAL PAYABLE.	INTEREST PAYABLE SEMI-ANNUALLY ON
\$1,000,000 00	Corporate Stock of The City of New York, for the Uses and Purposes of the Department of Docks and Ferries.....	Sections 169 and 180 of chapter 378 of the Laws of 1897; and resolution of the Commissioners of the Sinking Fund of The City of New York, adopted September 15, 1899.	Nov. 1, 1929	May 1 and Nov. 1
500,000 00	Corporate Stock of The City of New York, for a New Hall of Records.....	Chapters 59 and 793 of the Laws of 1897, sections 169 and 170 of chapter 378 of the Laws of 1897, resolution of the Board of Estimate and Apportionment of The City of New York, adopted February 3, 1899, and resolution of the Municipal Assembly, adopted by the Board of Aldermen, August 2, 1899, and by the Council August 9, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
1,365,000 00	Corporate Stock of The City of New York, for acquiring lands for a Public Park, bounded by One Hundred and Forty-fifth and Fifty-fifth streets and Edgecombe and Bradhurst avenues.....	Chapter 56, Laws of 1894; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportionment of The City of New York, adopted June 20, 1899, and resolution of the Municipal Assembly, approved by the Mayor, September 26, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
300,000 00	Corporate Stock of The City of New York for Fire Department purposes.....	Chapter 76 of the Laws of 1894, as amended by chapter 751 of the Laws of 1896; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportionment of The City of New York, adopted May 3, 1899, and resolution of the Municipal Assembly, approved by the Mayor, November 1, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
350,000 00	Corporate Stock of The City of New York for the Sanitary Protection of the Sources of the Water Supply....	Chapters 189 and 513 of the Laws of 1893; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportionment of The City of New York, adopted January 24, 1899; and resolution of the Municipal Assembly approved by the Mayor July 18, 1899.....	Nov. 1, 1919	May 1 and Nov. 1
250,000 00	Corporate Stock of The City of New York, to Provide for an Additional Supply of Water	Sections 169 and 178 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportionment of The City of New York, adopted October 31, 1898, and resolution of the Municipal Assembly, approved by the Mayor October 24, 1899.....	Nov. 1, 1919	May 1 and Nov. 1
1,000,000 00	Corporate Stock of The City of New York, for the New Aqueduct....	Chapter 490 of the Laws of 1883; sections 169 and 170 of chapter 378 of the Laws of 1897; and a resolution of the Aqueduct Commission of The City of New York, adopted June 13, 1899.....	Oct. 1, 1919	Apr. 1 and Oct. 1

The above-described stock is free and exempt from all taxation in the State of New York, except for State purposes, pursuant to the provisions of section 169 of chapter 378 of the Laws of 1897.

The principal of and interest on said stock are payable in gold coin of the United States of America, of the present standard of weight and fineness, pursuant to a resolution of the Commissioners of the Sinking Fund adopted June 9, 1898.

#### CONDITIONS OF SALE.

No proposal for stock shall be accepted for less than the par value of the same. Proposals containing conditions other than those herein set forth will not be received or considered. Every bidder, as a condition precedent to the reception or consideration of his proposal, shall deposit with the Comptroller in money, or by a certified check drawn to the order of said Comptroller upon one of the State or National Banks of the said city, two PER CENT. of the par value of the stock bid for in said proposal. No proposal will be received or considered which is not accompanied by such deposit.

All such deposits shall be returned by the Comptroller to the persons making the same within three days after the decision has been rendered as to who is or are the highest bidder or bidders, except the deposit made by the highest bidder or bidders.

If said highest bidder or bidders shall refuse or neglect, within five days after service of written notice of the award to him or them, to pay to the City Chamberlain the amount of the stock awarded to him or them at its par value, together with the premium thereon, less the amount deposited by him or them, the amount or amounts of deposit thus made shall be forfeited to and retained by said city as liquidated damages for such neglect or refusal, and shall thereafter be paid to the Sinking Fund of The City of New York for the Redemption of the City Debt.

Upon the payment into the City Treasury of the amounts due by the persons whose bids are accepted, respectively, certificates thereof shall be issued to them as authorized by law. The proposals, together with the security deposits, should be inclosed in a sealed envelope, indorsed "Proposals for Bonds of The City of New York," and then inclosed in a sealed envelope, addressed to the Comptroller of The City of New York.

BIRD S. COLER, Comptroller.

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, November 2, 1899.

#### DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH,  
CITY OF NEW YORK,  
SIXTH AVENUE AND FIFTY-FIFTH STREET,  
BOROUGH OF MANHATTAN,  
NEW YORK, November 3, 1899.

At a meeting of the Board of Health of the Department of Health, held November 1, 1899, the following resolution was adopted:

Resolved, That under the power conferred by law upon the Board of Health, the following additional amendment to the Sanitary Code for the security of life and health, be and the same is hereby adopted and declared to form a portion of the Sanitary Code:

Sec. 134. That the owners, lessees, tenants and managers of every blacksmith or other shop, forge, coal yard, foundry, manufactory and premises where any business is done, or in or upon which an engine or boilers are used, shall cause all ashes, cinders, rubbish, dirt and refuse to be removed to some proper place, so that the same shall not accumulate at any of the above-mentioned premises or in the appurtenances thereof, nor the same become filthy or offensive. Nor shall any owner, lessee, tenant, manager, engineer, fireman or any other person cause or allow any smoke, cinders, dust, gas, steam or offensive odor to escape or be discharged from any such building, place or premises; and every furnace employed in the working of engines by steam, or in any mill, factory, printing house, dye factory, iron foundry, glass house, distillery, brew house, sugar refinery, bake house, gas works or in any other buildings used for the purposes of trade or manufacture shall be so constructed as to consume or burn the smoke arising therefrom.

[L. S.] MICHAEL C. MURPHY,  
President.

C. GOLDBERMAN,  
Secretary pro tem.

#### OFFICIAL PAPERS.

MORNING—"MORNING JOURNAL," "TELEGRAPH."

Evening—"Daily News," "Commercial Advertiser."

Weekly—"Weekly Union."

Semi-weekly—"Harlem Local Reporter."

German—"Morgen Journal."

WILLIAM A. BUTLER,  
Supervisor, City Record.

SEPTEMBER 6, 1899.

#### MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK,  
CENTRE, ELM, FRANKLIN AND WHITE STREETS,  
NEW YORK, November 6, 1899.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held at the offices of this Commission for the following positions, upon the dates specified:

Friday, November 10, 10 A. M. HOSPITAL ORDERLY. Subjects of examination: Duties, experience, reading, writing and arithmetic.

Tuesday, November 14, 10 A. M. NURSE. Subjects of examination: Duties, experience, handwriting and arithmetic.

Monday, November 27, 10 A. M. EXAMINERS OF DEPENDENT CHILDREN. Subjects of examination: Letter-writing, arithmetic and general paper.

Tuesday, November 28, 10 A. M. INSPECTORS OF PLUMBING, LIGHT AND VENTILATION. Subjects of examination: Writing, arithmetic, technical knowledge and experience.

LEE PHILLIPS,  
Secretary.

#### DEPARTMENT OF HIGHWAYS.

CITY OF NEW YORK,  
DEPARTMENT OF HIGHWAYS,  
COMMISSIONER'S OFFICE, NOS. 13-21 PARK ROW,  
BOROUGH OF MANHATTAN, November 6, 1899.

#### NOTICE OF SALE AT PUBLIC AUCTION.

ON TUESDAY, NOVEMBER 21, 1899, AT 11 o'clock A. M., the Department of Highways will sell at public auction, by Philip A. Smyth, Auctioneer, the following buildings, parts of buildings, sheds, walls, fences, etc., standing within the lines of Melrose avenue, from One Hundred and Sixty-third street to the junction of Webster avenue and Brook avenue at East One Hundred and Sixty-fifth street, Borough of The Bronx:

No.	OBJECT.	APPROXIMATE DIMENSIONS.
1	Entire two-story Frame Dwelling, Brick Basement. Part of two-story and Basement Brick Dwelling....	20.19 x 35.27.
	Water-closet.....	4.03 x 31.17.
	Wood Shed.....	4.7 x 6.7.
	Wood Shed.....	8.7 x 26.8.
	Wood Shed.....	6.6 x 20.0.
	Wood Shed.....	3.9 x 10.8.
	Frame Shed.....	6.2 x 15.4.
	Vine Arbor.....	About 30 lin. ft.
	Board Fence.....	75.9 lin. ft.
	Storm Shed, Wooden Platform and Steps.....	10.91 x 3.0.
	Picket Fence.....	About 90 lin. ft.
	Part of Wooden Platform, etc.....	
	Stone Steps, etc.....	
2	Entire 2-story Frame Dwelling, Brick Basement....	20.28 x 28.15.
	Entire 1-story Frame Extension.....	20.28 x 16.08.
	Part of Wooden Platform.....	
	Water-closet.....	3.7 x 4.1.
	Vine Arbor.....	About 60 lin. ft.
	Wood-shed.....	9.8 x 12.2.
	Wood-shed.....	9.5 x 4.7.
	Stone Steps, etc.....	2.9 x 6.2.
	Picket Fence.....	About 100 lin. feet.
3	Entire 2-story Frame Dwelling, Brick Basement, Area Steps, etc.....	18.23 x 24.15.
	Platform and Wooden Steps. Part of 1 Story Frame Dwelling.....	5.43 x 30.16.
	Picket Fence.....	about 50 lin. ft.

The sale will begin with Lot No. 1. Plans and descriptions of the buildings, parts of buildings and other structures may be seen at the office of the Deputy Commissioner of Highways, Third avenue and One Hundred and Seventy-seventh street, Borough of The Bronx.

#### TERMS OF SALE.

Cash payment in bankable funds at the time and place of sale, and the entire removal of the buildings, parts of buildings, or other structures, by the purchaser or purchasers within ten days after the sale. If the purchaser or purchasers fails or fail to remove the buildings, part of buildings, or other structures, within the time specified, he or they shall forfeit his or their purchase money and the ownership of the buildings or parts of buildings purchased.

JAMES P. KEATING,  
Commissioner of Highways.



DEPARTMENT OF HIGHWAYS,  
COMMISSIONER'S OFFICE, Nos. 13 TO 21 PARK ROW,  
NEW YORK, October 31, 1899.

### TO CONTRACTORS.

**BIDS OR ESTIMATES, INCLOSED IN A** sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at Nos. 13 to 21 Park row, in Room No. 1601, until 11 o'clock A. M.,

**TUESDAY, NOVEMBER 14, 1899.**

The bids will be publicly opened by the head of the Department, in Room 1602, Nos. 13 to 21 Park row, at the hour above-mentioned.

BOROUGH OF MANHATTAN.

**No. 1. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT ON PRESENT PAVEMENT RELAND AS FOUNDATION THE ROADWAY OF EAST SIXTY-FIFTH STREET, from Third to Lexington avenue.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting, the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of the deposit will be returned to him.

**THE COMMISSIONER OF HIGHWAYS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.**

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Room No. 1606, Nos. 13 to 21 Park row.

JAMES P. KEATING,  
Commissioner of Highways.

CITY OF NEW YORK—DEPARTMENT OF HIGHWAYS,  
COMMISSIONER'S OFFICE, Nos. 13-21 PARK ROW,  
BOROUGH OF MANHATTAN, October 23, 1899.

### NOTICE OF SALE AT PUBLIC AUCTION.

**ON MONDAY, NOVEMBER 13, 1899, AT 11** o'clock A. M., the Department of Highways will sell at public auction, by Philip A. Smythe, Auctioneer, the following unclaimed articles, viz:

Stands, booths, bootblack stands, signs, soda-water apparatus and fountains, abandoned household furniture, office and store fixtures, packing boxes, push-carts, lumber, brick stepping stones, plumbers' materials, iron beams, butchers fixtures, etc.

The sale will begin at the Corporation Yard, No. 415 West One Hundred and Twenty-third street; thence to Fifty-sixth street, between Eleventh and Twelfth avenues and then to the foot of Rivington street, East river.

#### TERMS OF SALE:

Cash payment in bankable funds at the time and place of sale, and the entire removal of the articles by the purchaser or purchasers within five days after the sale. If the purchaser or purchasers fails or fail to remove the articles within the time specified, he or they shall forfeit his or their purchase money and the ownership of the articles purchased.

JAMES P. KEATING,  
Commissioner of Highways.

### CORPORATION NOTICE.

**THE BOARD OF ASSESSORS OF THE CITY** of New York hereby give notice that the cost of the following-named local improvements is greater than the estimate heretofore made therefor, viz:

BOROUGH OF BROOKLYN.

List 6122, No. 1. Grading and paving Orient avenue, from Metropolitan avenue to Olive street, with asphalt pavement, \$404.53.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Orient avenue, from Metropolitan avenue to Olive street, and to the extent of half the block at the intersecting streets.

—and that said Board of Assessors has added to the assessments heretofore laid for said improvements, the said excess of the cost over said estimate and apportioned the same upon the several parcels of land according to their respective proportions of the original assessment, and the said Board of Assessors has prepared lists showing the amounts of such additions, and the same are now on file in the office of said Board of Assessors, No. 320 Broadway, New York, where the same can be examined by all persons interested, and that the said

Board will meet in the said office on the 12th day of December, 1899, at 11 A. M., to hear objections (if any) to the same.

EDWARD McCUE,  
EDWARD CAHILL,  
THOS. A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBORG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
November 8, 1899.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

BOROUGH OF THE BRONX.

List 5664, No. 1. Regulating, grading, curbing, flagging, laying crosswalks and building fences in Home street, from Boston road to Intervale avenue, together with a list of awards for damages caused by a change of grade.

List 5790, No. 2. Regulating, grading, curbing, flagging, laying crosswalks and placing fences in Union avenue, from One Hundred and Fifty-sixth street to Boston road, together with a list of awards for damages caused by a change of grade.

List 5875, No. 3. Sewers and appurtenances in Jerome avenue, between East One Hundred and Seventieth street and Belmont street.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Home street, from Boston road to Intervale avenue, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of Union avenue, from One Hundred and Fifty-sixth street to Boston road, and to the extent of half the block at the intersecting streets.

No. 3. Both sides of Jerome avenue, from One Hundred and Seventieth street to Belmont street; also block bounded by One Hundred and Seventy-first, One Hundred and Seventy-second, Townsend avenue and Jerome avenue.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before December 12, 1899, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE,  
EDWARD CAHILL,  
THOS. A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBORG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
November 8, 1899.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

BOROUGH OF BROOKLYN.

List 5947, No. 1. Sewers in East Twenty-first street, between Avenues C and D; in East Nineteenth street, between Avenues C and D; in East Eighteenth street, between Avenues C and D; in East Seventeenth street, between Avenues C and D; in East Fourteenth street, between Avenues C and D; in East Thirteenth street, between Avenues C and D; in East Twelfth street, between Avenues C and D; in East Eleventh street, between Avenues C and D; in Avenue C, between Coney Island avenue and Flatbush avenue, and in Avenue D, between East Eleventh street and Flatbush avenue.

List 6075, No. 2. Grading Forty-eighth street, from Fifth avenue to old city line.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Eleventh, Twelfth, Thirteenth and Fourteenth streets, from Avenue C to Avenue E; both sides of Seventeenth, Eighteenth, Nineteenth and Twenty-first streets, from Avenue C to Avenue D; both sides of Avenue C, from Coney Island avenue to Flatbush avenue, and both sides of Avenue D, from East Eleventh street to Flatbush avenue.

No. 2. Both sides of Forty-eighth street, from Fifth avenue to old city line, and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before December 5, 1899, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE,  
EDWARD CAHILL,  
THOS. A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBORG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
November 2, 1899.

**THE BOARD OF ASSESSORS OF THE CITY** of New York hereby give notice that the cost of the following-named local improvements is greater than the estimate heretofore made therefor, viz:

BOROUGH OF BROOKLYN.

List 6099, No. 1. Grading and paving Knickerbocker avenue, from Palmetto street to Putnam avenue, with granite-block pavement, \$465.77.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Knickerbocker avenue, from Palmetto street to Putnam avenue, and to the extent of half the block at the intersecting streets.

—and that said Board of Assessors has added to the assessments heretofore laid for said improvements, the said excess of the cost over said estimate and apportioned the same upon the several parcels of land according to their respective proportions of the original assessment, and the said Board of Assessors has prepared lists showing the amounts of such additions, and the same are now on file in the office of said Board of Assessors, No. 320 Broadway, New York, where the same can be examined by all persons interested, and that the said Board will meet in the said office on the 5th day of December, 1899, at 11 A. M., to hear objections (if any) to the same.

EDWARD McCUE,  
EDWARD CAHILL,  
THOS. A. WILSON,  
PATRICK M. HAVERTY,  
JOHN B. MEYENBORG,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway,  
CITY OF NEW YORK, BOROUGH OF MANHATTAN,  
November 2, 1899.

### BOARD OF PUBLIC IMPROVEMENTS.

BOARD OF PUBLIC IMPROVEMENTS,  
No. 21 PARK ROW,  
BOROUGH OF MANHATTAN.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York, by changing the grades of Creston avenue, from East One Hundred and Eighty-fourth street to East One Hundred and Eighty-ninth street, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at No. 21 Park row, Borough of Manhattan, on the 22d day of November, 1899, at 2 o'clock P. M., at which such proposed change of grades will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 15th day of November, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by changing the grades of Creston avenue, from East One Hundred and Eighty-fourth street to East One Hundred and Eighty-ninth street, in the Borough of The Bronx, more particularly described as follows:

Beginning at the intersection of Creston avenue with East One Hundred and Eighty-fourth street, the elevation to be 130 feet on the east curb and 131 feet on the west curb as heretofore.

1st. Thence 170 feet north of the north curb of East One Hundred and Eighty-fourth street, the elevation to be 132 feet above high water datum.

2d. Thence to a point 270 feet southerly from the southeasterly intersection of the curb lines of Creston avenue and East One Hundred and Eighty-ninth street, the elevation to be 125.5 feet above mean high-water datum.

3d. Thence to the intersection of East One Hundred and Eighty-ninth street with Creston avenue, the elevation to be 112.5 feet above high water datum as heretofore.

Resolved, That this Board consider the proposed change of grades of the above-named avenue, at a meeting of this Board, to be held in the office of this Board on the 22d day of November, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed change of grades of the above-named avenue will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the City Record, for ten days continuously, Sundays and legal holidays excepted, prior to the 22d day of November, 1899.

JOHN H. MOONEY,  
Secretary.

Dated NEW YORK, November 8, 1899.

BOARD OF PUBLIC IMPROVEMENTS,  
No. 21 PARK ROW,  
BOROUGH OF MANHATTAN.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by laying out and extending East Thirty-first street (Fairview place), from Church avenue to Martense avenue, and laying out and extending East Thirty-second street (Raleigh place), from Church avenue to Martense avenue, in the Borough of Brooklyn, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at No. 21 Park row, Borough of Manhattan, on the 15th day of November, 1899, at 2 o'clock P. M., at which such proposed laying out and extending will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 25th day of October, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by laying out and extending East Thirty-first street (Fairview place), from Church avenue to Martense avenue, and laying out and extending East Thirty-second street (Raleigh place), from Church avenue to Martense avenue, in the Borough of Brooklyn, City of New York, more particularly described as follows:

**Extension of East Thirty-first Street (Fairview Place) from Church Avenue to Martense Avenue.**

Beginning at a point in the northern line of Church avenue, distant 200.04 feet easterly from the intersection of the eastern line of Nostrand avenue and the northern line of Church avenue:

1st. Thence easterly along the northern line of Church avenue for 60.01 feet;

2d. Thence deflecting 91 degrees 07 minutes 20 seconds to the left for 252.42 feet to the southern line of Martense avenue;

3d. Thence westerly along the southern line of Martense avenue for 60 feet;

4th. Thence southerly for 252 feet to point of beginning.

**Extension of East Thirty-second Street (Raleigh Place) from Church Avenue to Martense Avenue.**

Beginning at a point in the northern line of Church avenue, distant 205.04 feet westerly from the intersection of New York avenue and Church avenue:

1st. Thence westerly along the northern line of Church avenue for 60.01 feet;

2d. Thence northerly deflecting 68 degrees 52 minutes 40 seconds to the right for 253.8 feet to southern line of Martense avenue;

3d. Thence easterly along southern line of Martense avenue for 60 feet;

4th. Thence southerly for 254.21 feet to the point of beginning.

Resolved, That this Board consider the proposed laying out and extending of the above-named streets at a meeting of this Board, to be held in the office of this Board on the 15th day of November, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out and extending of the above-named streets will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the City Record and Corporation Newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 15th day of November, 1899.

Dated NEW YORK, October 31, 1899.

JOHN H. MOONEY,  
Secretary.

BOARD OF PUBLIC IMPROVEMENTS,  
No. 21 PARK ROW,  
BOROUGH OF MANHATTAN.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York, by laying out the Southern Boulevard approach to the Third Avenue bridge over the Harlem river, between Lincoln avenue and Third Avenue, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at No. 21 Park row, Borough of Manhattan, on the 15th day of November, 1899, at 2 o'clock P. M., at which such proposed laying out will be considered by

said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 25th day of October, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by laying out the Southern Boulevard approach to the Third Avenue Bridge over the Harlem river, between Lincoln avenue and Third Avenue, in the Borough of The Bronx, City of New York, more particularly described as follows:

Beginning at the intersection of the southern line of Southern Boulevard with the western line of Lincoln avenue:

1st. Thence westerly along the southern line of Southern Boulevard for 333.16 feet to the eastern line of Third Avenue as widened;

2d. Thence southwesterly along last mentioned line for 81.31 feet;

3d. Thence easterly and parallel to the southern line of Southern Boulevard for 377.69 feet to the western line of Lincoln avenue;

4th. Thence northerly along last-mentioned line for 68 feet to the point of beginning.

Said approach is to be 68 feet wide.

Resolved, That this Board consider the proposed laying out of the approach to the above-named bridge at a meeting of this Board, to be held in the office of this Board, on the 15th day of November, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out of the approach to the above-named bridge will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 15th day of November, 1899.

Dated NEW YORK, October 31, 1899.

JOHN H. MOONEY,  
Secretary.

BOARD OF PUBLIC IMPROVEMENTS,  
No. 21 PARK ROW,  
BOROUGH OF MANHATTAN.

**NOTICE IS HEREBY GIVEN THAT THE** Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York, by laying out and extending East One Hundred and Seventy-eighth street, from Prospect avenue to Southern Boulevard, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board at No. 21 Park row, Borough of Manhattan, on the 15th day of November, 1899, at 2 o'clock P. M., at which such proposed laying out and extending will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 25th day of October, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by laying out and extending East One Hundred and Seventy-eighth street, from Prospect avenue to Southern Boulevard, in the Borough of The Bronx, City of New York, more particularly described as follows:

PARCEL "A."

Beginning at a point in the eastern line of Prospect avenue distant 190 feet southerly from the intersection of said line with the southern line of East One Hundred and Seventy-ninth street:

1st. Thence southerly along the eastern line of Prospect avenue for 50 feet;

2d. Thence easterly parallel to East One Hundred and Seventy-ninth street for 295.52 feet to the western line of Mapes avenue as laid out on section 10 of the Final Maps of the Twenty-third and Twenty-fourth Wards;

3d. Thence northerly along said western line of Mapes avenue for 50 feet;

4th. Thence westerly for 295.52 feet to the point of beginning.

PARCEL "B."

Beginning at a point in the western line of Marmion avenue, distant 190 feet southerly from the intersection of said line with the southern line of East One Hundred and Seventy-ninth street:

1st. Thence southerly along the western line of Marmion avenue for 50 feet;

2d. Thence westerly and parallel to East One Hundred and Seventy-ninth street for 295.37 feet to the eastern line of Mapes avenue, as laid out on section 10 of the Final Maps of the Twenty-third and Twenty-fourth Wards;

3d. Thence northerly along said western line of Mapes avenue for 50 feet;

4th. Thence easterly for 295.37 feet to the point of beginning.

PARCEL "C."

Beginning at a point in the eastern line of Marmion avenue, distant 190 feet southerly from the intersection of said line with the southern line of East One Hundred and Seventy-ninth street:

1st. Thence southerly along the eastern line of Marmion avenue for 50 feet;

2d. Thence easterly and parallel to East One Hundred and Seventy-ninth street for 156.30 feet to the western line of Southern Boulevard;

3d. Thence northerly along last mentioned line for 54.89 feet;

4th. Thence westerly for 133.70 feet to the point of beginning.

East One Hundred and Seventy-eighth street, from Prospect avenue to Southern Boulevard is 50 feet wide.

Resolved, That this Board consider the proposed laying out and extending of the above-named street at a meeting of this Board, to be held in the office of this Board on the 15th day of November, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out and extending of the above-named street will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 15th day of November, 1899.

Dated NEW YORK, October 31, 1899.

JOHN H. MOONEY,  
Secretary.

### FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, October 31, 1899.

**SEALED PROPOSALS FOR FURNISHING** this Department with the articles below specified will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, in the Borough of Manhattan, City of New York, until 10.30 o'clock A. M.,

**MONDAY, NOVEMBER 13, 1899,**

at which time and place they will be publicly opened by the head of said Department and read.

**Boroughs of Manhattan and The Bronx.**

300,000 pounds No. 1 Hay.  
55,000 pounds No. 1 Rye Straw.  
240,000 pounds, net weight, No. 2 white clipped Oats, to weigh not less than 34 pounds to the measured bushel.  
24,000 pounds, net weight, fresh, clean, sweet Bran.



To be delivered at all of the various houses of the Department, in the boroughs of Manhattan and The Bronx, at such times and in such quantities as may be required. The articles to be inspected and weighed at the several places of delivery by the officer or other employee in charge. The weighing to be upon beam scales furnished by the Department and transported by the contractor.

All of the hay, straw and oats shall be subject to inspection by a Produce Exchange Inspector at any time required by the Department (not exceeding three times during the deliveries under this contract), the expense of which inspections shall be borne by the contractors. No estimate will be received or considered after the hour named.

The form of the agreement, with specifications, showing the manner of payment for the articles, and list showing locations and places of delivery, may be seen and forms of proposals may be obtained at the office of the Department.

Proposals must include all the items, specifying the price per cwt. for Hay, Straw, Oats and Bran.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate they will on its being so awarded, become bound as his sureties for its faithful performance in the sum of Three Thousand (\$3,000) Dollars.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of One Hundred and Fifty (\$150) Dollars.

JOHN J. SCANNELL,  
Commissioner.

New York, October 31, 1899.

**SEALED PROPOSALS FOR FURNISHING** this Department with the articles below specified will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, in the Borough of Manhattan City of New York, until 10.30 o'clock A. M.,

**MONDAY, NOVEMBER 13, 1899,**

at which time and place they will be publicly opened by the head of said Department and read.

**Boroughs of Brooklyn and Queens.**

400,000 pounds No. 1 Hay.  
100,000 pounds No. 1 Rye Straw.  
375,000 pounds, net weight, No. 2 white clipped Oats, to weigh not less than 34 pounds to the measured bushel.

35,000 pounds, net weight, fresh, clean, sweet Bran.  
To be delivered at all of the various houses of the Department, in the Boroughs of Brooklyn and Queens, at such times and in such quantities as may be required. The articles to be inspected and weighed at the several places of delivery by the officer or other employee in charge. The weighing to be upon beam scales furnished by the Department and transported by the contractor.

All of the hay, straw and oats shall be subject to inspection by a Produce Exchange Inspector at any time required by the Department (not exceeding three times during the deliveries under this contract), the expense of which inspections shall be borne by the contractors.

No estimate will be received or considered after the hour named.

The form of the agreement, with specifications, showing the manner of payment for the articles, and list showing locations and places of delivery, may be seen and forms of proposals may be obtained at the office of the Department.

Proposals must include all the items, specifying the price per cwt. for Hay, Straw, Oats and Bran.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of Forty-five Hundred (\$4,500) Dollars.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of Two Hundred and Twenty-five (\$225) Dollars.

JOHN J. SCANNELL,  
Commissioner.

**VAN TASSELL & KEARNEY, AUCTIONEERS,** on behalf of the Fire Department, will offer for sale at public auction, to the highest bidder, at their sales tables, Nos. 130 and 132 East Thirteenth street, Borough of Manhattan,

**FRIDAY, NOVEMBER 10, 1899,**

at 12 o'clock noon, the following property belonging to the Fire Department of The City of New York:

Three horses, no longer fit for use in the Department, Nos. 357, 384 and 1101.

JOHN J. SCANNELL,  
Fire Commissioner.

## DEPARTMENT OF STREET CLEANING.

**PERSONS HAVING BULKHEADS TO FILL, IN** the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park row Borough of Manhattan.

JAMES McCARTNEY,  
Commissioner of Street Cleaning

## NEW EAST RIVER BRIDGE.

**THE COMMISSIONERS OF THE NEW EAST** River Bridge will sell at public auction to the highest bidder, on the ground at Nos. 62 and 64 South Fifth street, in the Borough of Brooklyn, in The City of New York, on

**MONDAY, THE 20th DAY OF NOVEMBER, 1899,**

at ten o'clock in the forenoon, the 4-story brick building 49 feet by 100 feet, known as the Young & Smylie licorice factory, with all the materials in or appurtenant to said building and now on its site.

Said sale will be made upon and subject to the following conditions, and the purchaser, by paying his bid, will agree to said conditions and to perform all acts to be by him performed as stated therein.

### CONDITIONS.

The whole purchase money must be paid in bankable funds at the time of the sale.

All the materials in said building shall be removed by the purchaser within thirty days after the date of the sale.

The first floor of the building above the ground must be left intact until the walls of the building are removed to the level of this floor, after which the walls will be removed to a depth at least 3 feet below the level of the ground about the building.

All the building materials of every description on the premises, except refuse brick, stone and mortar, shall be removed from the premises as rapidly as they are taken down.

For failure to remove such material in the manner or within the time named, the Commissioners may stop the work, and at the expiration of the time named may enter and remove the said materials, or cause a resale thereof, and said purchaser shall forfeit the purchase money paid by him at the time of sale.

The purchaser shall be liable for any and all damages of every kind by reason of the occupancy or removal of said building or his failure to remove the same within said time limit.

By order of the Board.

JAMES D. BELL,  
Secretary.

Dated November 6, 1899.  
Auctioneer, Thomas A. Kerrigan.

## SUPREME COURT.

### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SEVENTY-FIFTH STREET (although not yet named by proper authority), from Third avenue to Boston road, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**WE, THE UNDERSIGNED, COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments thereto, do present their said objections in writing, duly verified, to us, at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 1st day of December, 1899, and that we, the said Commissioners, will hear parties so objecting and for that purpose will be in attendance at our said office on the 4th day of December, 1899, at 3 o'clock P. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 9th day of December, 1899.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point formed by the intersection of a line drawn parallel to the southerly side of East One Hundred and Seventy-fifth street and distant 100 feet southerly therefrom with the easterly side of Park avenue (formerly Vanderbilt avenue East), running thence northerly along said easterly side of Park avenue (formerly Vanderbilt avenue East), to its intersection with a line drawn parallel to the northerly side of East One Hundred and Seventy-fifth street and distant 100 feet northerly therefrom; thence easterly along said parallel line to the middle line of the block between Bathgate avenue and Third avenue; thence northerly along said middle line of the block to its intersection with a line drawn parallel to the northerly side of East One Hundred and Seventy-sixth street and distant 100 feet northerly therefrom; thence easterly along said parallel line to the westerly side of Third avenue; thence easterly to the intersection of the easterly side of Arthur avenue with a line drawn parallel to the northerly side of East One Hundred and Seventy-sixth street and distant 100 feet northerly therefrom; thence easterly along said parallel line to the westerly side of West Farms road; thence southerly along said westerly side of West Farms road to its intersection with the middle line of the block between East One Hundred and Seventy-fourth street and East One Hundred and Seventy-sixth street; thence westerly along said middle line and the middle line of the block between East One Hundred and Seventy-fourth street and Boston road to the southeasterly side of Boston road; thence westerly to the intersection of the southerly side of Crotona Park, East, with the westerly side of the Southern Boulevard; thence northerly along said westerly side of the Southern Boulevard to the northerly side of Crotona Park, East; thence westerly along said northerly side of Crotona Park, East, and its continuation westerwardly to its junction with a line drawn parallel to the southerly side of Crotona Park, North, and distant 100 feet southerly therefrom; thence westerly by said parallel line to its intersection with the easterly prolongation of the middle line of the block between East One Hundred and Seventy-fourth street and East One Hundred and Seventy-fifth street; thence westerly along said easterly prolongation and middle line of the block to the middle line of the block between Third avenue and Bathgate avenue; thence northerly along said middle line of the block to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventy-fifth street and distant 100 feet southerly therefrom; thence westerly along said parallel line to the point or place of beginning.

Fourth—That our first partial and separate report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 18th day of December, 1899, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Manhattan, New York City, November 3, 1899.

RIGNAL D. WOODWARD,  
Chairman,

EDWARD JACOBS,  
LOUIS SEIDE,  
Commissioners.

JOHN P. DUNN,  
Clerk.

### SECOND JUDICIAL DISTRICT.

In the matter of the petition of Michael T. Daly, Commissioner of Public Works of The City of New York, under and in pursuance of chapter 189 of the Laws of 1833, and the laws amendatory thereof, on behalf of The Mayor, Aldermen and Commonalty of The City of New York, for the appointment of Commissioners of Appraisal under said acts.

FARMERS' MILLS AND WHITE POND.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** the Second Separate Report of David Thompson, Frederic Barnard and E. W. Addis, Commissioners of Appraisal appointed in the above-entitled matter, was filed in the office of the County Clerk of the County of Westchester, on the 9th day of October, 1899, and a certified copy thereof was duly filed in the office of the Clerk of the County of Putnam on the 10th day of October, 1899.

Notice is further given that the said report includes and affects the parcels of land designated as Parcels Nos. 124, 27, 32, 38, 41, 50, 51, 52, 53, 54, 55, 56, 57, 58 and 59.

Notice is further given that an application will be made at a Special Term of the Supreme Court of the State of New York, to be held in and for the Second Judicial District in the Court-house in the Village of White Plains, Westchester County, New York, on the 25th day

of November, 1899, at ten o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard, for an order confirming said report and for such other and further relief as may be just.

Dated New York City, October 14, 1899.

JOHN WHALEN,  
Corporation Counsel.

Office and Post-office address,  
No. 2 Tryon Row,  
New York City.

### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening CLIFFORD PLACE (although not yet named by proper authority), from Jerome avenue to Walton avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**WE, THE UNDERSIGNED, COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 1st day of December, 1899; and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 4th day of December, 1899, at 3.30 o'clock P. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 9th day of December, 1899.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point formed by the intersection of a line drawn parallel to the southerly side of Featherbed Lane and distant 100 feet southerly therefrom with a line drawn parallel to the westerly side of Jerome avenue and distant 100 feet westerly therefrom; running thence northerly along said parallel line to its intersection with the westerly prolongation of a line drawn parallel to the northerly side of East One Hundred and Seventy-fifth street and distant 100 feet northerly therefrom; thence easterly along said westerly prolongation and parallel line to the northwesterly side of the Grand Boulevard and Concourse; thence southerly along said northwesterly side of the Grand Boulevard and Concourse to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventy-fourth street and distant 100 feet southerly therefrom; thence westerly along said parallel line and a line drawn parallel to the southerly side of Featherbed Lane and distant 100 feet southerly therefrom to the point or place of beginning.

Fourth—That our first partial and separate report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 18th day of December, 1899, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Manhattan, New York City, November 3, 1899.

J. PHILIP BERG, Chairman,  
EDWARD F. HOLLISTER,  
Commissioners.

JOHN P. DUNN,  
Clerk.

### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening RYER AVENUE (although not yet named by proper authority), from Tremont avenue to Burnside avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of the City of New York.

**WE, THE UNDERSIGNED, COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments thereto, do present their said objections in writing, duly verified, to us, at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 29th day of November, 1899, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 1st day of December, 1899, at 11 o'clock A. M.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 7th day of December, 1899.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the middle line of the block between Tremont avenue and Buckhout street, with the southeasterly side of the Grand Boulevard and Concourse; running thence northeasterly along said southeasterly side of the Grand Boulevard and Concourse to the middle line of the block between East One Hundred and Seventy-ninth street and Bush street; thence easterly along said middle line of the block to its intersection with a line drawn parallel to the westerly side of Anthony avenue and distant 100 feet westerly therefrom; thence northerly along said parallel line to the southwesterly side of Burnside avenue; thence easterly on a straight line to the intersection of the northeasterly side of the block between Anthony avenue and the Grand Boulevard and Concourse; thence northeasterly along said middle line of the block to the middle line of the block between Burnside avenue and East One Hundred

and Eightieth street; thence southeasterly along said middle line of the block to its intersection with a line drawn parallel to the northwesterly side of Ryer avenue and distant 100 feet northwesterly therefrom; thence northeasterly along said parallel line to the middle line of the block between East One Hundred and Eighty-first street and East One Hundred and Eighty-second street; thence southeasterly along said middle line of the block to its intersection with a line drawn parallel to the southeasterly side of Ryer avenue and distant 100 feet southeasterly therefrom; thence southwesterly along said parallel line to its intersection with a line drawn parallel to the northeasterly side of East One Hundred and Seventy-ninth street and distant 100 feet northeasterly therefrom; thence southeasterly along said parallel line to its intersection with a line drawn parallel to the southeasterly side of Webster avenue and distant 100 feet southeasterly therefrom; thence southwesterly along said parallel line to the middle line of the block between East One Hundred and Seventy-fifth street and East One Hundred and Seventy-sixth street; thence northwesterly along said middle line of the block and its prolongation northwesterwardly to its intersection with a line drawn parallel to the northwesterly side of Carter avenue and distant 100 feet northwesterly therefrom; thence northwesterly along said parallel line to its intersection with a line drawn parallel to the southerly side of East One Hundred and Seventy-sixth street and distant 100 feet southerly therefrom; thence westerly along said parallel line to its intersection with a line drawn parallel to the westerly side of Anthony avenue and distant 100 feet westerly therefrom; thence northerly along said parallel line to the middle line of the block between Mount Hope place and Tremont avenue; thence westerly along said middle line of the block to the middle line of the block between Anthony avenue and Monroe avenue; thence northerly along said middle line of the block to the middle line of the block between Tremont avenue and Buckhout street; thence westerly along said middle line of the block to the point or place of beginning.

Fourth—That our first partial and separate report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 14th day of December, 1899, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Manhattan, New York City, November 3, 1899.

EDWARD E. McCALL,  
WILLIAM J. CARROLL,  
Commissioners.

JOHN P. DUNN,  
Clerk.

### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SEVENTY-SEVENTH STREET (although not yet named by proper authority), from Jerome avenue to the Grand Boulevard and Concourse, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**WE, THE UNDERSIGNED, COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 29th day of November, 1899, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 1st day of December, 1899, at 3 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said city, there to remain until the 7th day of December, 1899.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the westerly prolongation of the middle line of the blocks between Mount Hope place and East One Hundred and Seventy-seventh street with a line drawn parallel to the westerly side of Jerome avenue, and distant 100 feet westerly therefrom; running thence northerly along said parallel line to its intersection with the westerly prolongation of the middle line of the blocks between East One Hundred and Seventy-seventh street and Tremont avenue; thence easterly along said westerly prolongation and middle line, and its prolongation easterly to the southwesterly side of Tremont avenue; thence southeasterly along the southwesterly side of Tremont avenue to the westerly side of the Grand Boulevard and Concourse; thence southerly along the westerly side of the Grand Boulevard and Concourse to its intersection with the middle line of the blocks between Mount Hope place and East One Hundred and Seventy-seventh street; thence westerly along said middle line and its westerly prolongation to the point or place of beginning. Excepting from said area all streets, avenues, roads or portions thereof heretofore legally opened as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court-house, in the Borough of Manhattan, in The City of New York, on the 18th day of December, 1899, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated Borough of Manhattan, New York City, October 26, 1899.

GEORGE GORDON BATTLE,  
Chairman,  
PATRICK A. McMANUS,  
ARTHUR TERRY,  
Commissioners.

JOHN P. DUNN,  
Clerk.

### FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening AVENUE ST. JOHN (although not yet named by proper authority), from Prospect avenue to Timpon



